IEEE P802.11  
Wireless LANs

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| LB188 Clause 8 Comment Resolutions | | | | |
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Abstract

This document proposes resolutions for the following MU CIDs: 6378, 6453, 6528.

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| **CID** | **Commenter** | **Clause Number** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 6378 | Wei Shi | 8.4.1.48 | 51.58 | Why do we allow a BF frame without VHT compressed BF report field/MU BF report field? And when exactly should this type of frame being used? | Please describe/give examples as to when a "null" BF report should be sent. |  |
| 6453 | Mark Rison | 8.4.1.48 | 50.44 | When would a VHT Compressed Beamforming frame not contain any part of a BF report? | Add a "NOTE---This might be the case if the PPDU containing the VHT Compressed Beamforming report would otherwise violate a constraint such as aPPDUMaxTime." |  |
| 6528 | Sigurd Schelstraete | 8.4.1.48 | 50.64 | The last sentence should probably be normative. Also, need distinction between VHT Compressed Beamforming report field and VHT Compressed Beamforming frame. | Change last sentence to:  "The VHT Compressed Beamforming Report field shall always be included in the VHT Compressed Beamforming frame (see 8.5.23.2)" |  |

**Discussion:**

There is a single case described in 9.31.5 in which the Bfee is allowed to send VHT Compressed Beamforming feedback without containing either the VHT CompressedBeamforming Report field or the MU Exclusive Beamforming Report field. Clarifications in 9.31.5 and 8.4.1.47 are needed.

**Proposed resolution**: Revised.

In 9.31.5, after p. 147.8 (D3.0) insert following sentence:

If the transmission duration of the VHT Compressed Beamforming frame with the VHT Compressed Beamforming

Report information and any MU Exclusive Beamforming Report information does not exceed the maximum PPDU duration then the VHT Compressed Beamforming feedback shall include the VHT Compressed Beamforming Report information, and the VHT Compressed Beamforming feedback shall also include the MU Exclusive Beamforming Report information if the Feedback Type subfield in the associated VHT MIMO Control Field indicates MU feedaback.

After p. 50.48 (D3.0), insert the following sentence:

"NOTE: A VHT beamformee is allowed to send VHT Compressed Beamforming feedback without either the VHT CompressedBeamforming Report field or the MU Exclusive Beamforming Report field only under the condition described in 9.31.5 (VHT Sounding Protocol)."