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 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. 152.53 (D3.1) insert the following sentence:

If the VHT Beamformee is transmitting VHT Compressed Beamforming frame(s) a SIFS after the VHT NDP, then the VHT Compressed Beamforming frame(s) shall include the VHT Compressed Beamforming Report information and, for the case of MU feedback, and the MU Exclusive Beamforming Report information.

In 9.31.5 after p. 53.52 (D3.1) insert the following sentence:

Note: This can be the case if the VHT Compressed Beamforming frame would otherwise violate the maximum PPDU duration (see 9.31.5 VHT Sounding Protocol).