IEEE P802.11  
Wireless LANs

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| **TGbe LB271 Comment Resolutions on 9.4.1.70** |
| **Date:** 2023-03-10 |
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Abstract

This submission proposes comment resolutions for 6 CIDs: 17490, 17491, 17492, 17493, 17269, and 17270

All the changes are based on P802.11be D3.0.

Revisions:

* Rev 0: Initial version of the document.

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| **CID** | **Commenter** | **Category** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 17490 | Brian Hart | T | 209.11 | If we define H as the measured channel (or sounded channel or CSI) from Bfer to Bfee, and it is compressed to V (via SVD or other), then Q is the beamforming matrix actually used by the Bfer, then, especially for MU-MIMO, we are sending back compressed CSI matrices (V) not compressed beamforming matrices (Q). So this name is wrong/misleading. | Change this to "compressed sounding feedback". Ditto L21, L36, P211L48, P212L14.5, L30, L37.5, P213L42... (i.e., search and replace) | Rejected  The name may not be perfectly right. But it is defined in 19.3.12.3.6 (Compressed beamforming feedback matrix) what compressed beamforming feedback matrix is. So we can understand the meaning. |
| 17491 | Brian Hart | E | 210.27 | Missing article | "of the EHT sounding NDP". Ditto L42 "the size of the codebook entries". Ditto P211L16 "the EHT Compressed Beamforming Report field and the EHT MU Exclusive Beamforming Report field are". Ditto P211L26 "Set to 0 to indicate a resolution of 20 MHz if the BW subfield is set to 0 to 3. Set to 1 to indicate a resolution of 40 MHz if the BW subfield is set to 4. | Accepted |
| 17492 | Brian Hart | E | 211.28 | Bad grammar | Try "The Feedback Bitmap subfield indicates each resolution bandwidth for which the beamformer is requesting feedback." | Accepted |
| 17493 | Brian Hart | T | 211.30 | Not correct since this doesn't account for tthe reserved bits!! | Try "Each non-reserved bit in the Feedback Bitmap subfield is set to 1 if the feedback on the corresponding bandwidth is requested, and is set to 0 otherwise." | Accepted |
| 17269 | Zinan Lin | T | 211.31 | To be consistent with the explanation under Figure 9-83b, it should be the corresponding resolution bandwidth | Add "resolution" between "corresponding" and "bandwidth" | Accepted |
| 17270 | Zinan Lin | T | 211.38 | Please specify when such a case occurs or show the specific subclause instead of 35.7 | Narrow down the subclause | Revised  The details are in P616L10-15 as below:  “An EHT beamformee that transmits EHT compressed beamforming feedback shall include neither the EHT compressed beamforming report information nor the EHT MU exclusive beamforming report information if the transmission duration of the PPDU carrying the EHT compressed beamforming report information and any EHT MU exclusive beamforming report information would exceed the maximum PPDU duration (see Table 9-34 (Maximum data unit sizes (in octets) and durations (in microseconds))).”  So replace 35.7 to 35.7.3  To Editor:  Change the reference from 35.7 (EHT sounding operation) to 35.7.3 (Rules for EHT sounding protocol sequences). |