IEEE P802.11  
Wireless LANs

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| PHY CID 17895 Resolution | | | | |
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Abstract: This document addresses the following CID:

*CIDs* *17895*

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| 17895 | 27.5.3.2.3 | 248.1 | For accurate timing synchronization at each STA responding a trigger frame, the legacy part preamble (L-STF, L-LTF, ...) of the PPDU carrying trigger frame shall not be beamformed. There are existing implementations that may beamform the legacy preamble or the whole non-HT PPDU, but it is better to be disallowed if the PPDU is carrying a trigger frame. | Add a note: "Beamforming the non-HT preamble of the PPDU carrying a Trigger Frame is not recommended" | **Revised.**  Change to as in doc IEEE802.11-17/1731r1. |

TGax editor: please make the following change P248L4

An HE AP shall not use the short guard interval for an HT or VHT PPDU that carries a Trigger frame. A Trigger frame shall not be carried in a DSSS or HR/DSSS PPDU. An HE AP shall not use STBC encoding for a PPDU that carries a Trigger frame. An HE AP shall not apply transmit beamforming on a non-HT PPDU that carries a Trigger Frame. An HE AP shall not apply transmit beamforming on the non-HT portion preamble of an HT mixed format PPDU that carries a Trigger Frame. An HE AP shall not apply transmit beamforming on the non-VHT portion preamble of a VHT PPDU that carries a Trigger Frame. HE AP shall not apply transmit beamforming on the non-HE portion preamble of an HE PPDU that carries a Trigger Frame.