IEEE P802.11
Wireless LANs

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| Comment Resolution on Phase Hopping  |
| Date: 2017-9-11 |
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Abstract

This submission proposes resolutions of comments received from TGay comment collection.

* CID: 70, 71.

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| **CID** | **Clause Number(C)** | **Page(C)** | **Line(C)** | **Comment** | **Proposed Change** |
| 70 | 30.6.6. | 150 | 7 | "An EDMG STA supports phase hopping if the PH Supported field in the STA's EDMG Capabilities element is one. A phase hopping capable STA may transmit an EDMG OFDM mode SU PPDU with two streams with phase hopping to a peer STA that is also phase hopping capable, and shall not transmit the SU PPDU if the peer STA is not phase hopping capable" This is MAC text | Move to the MAC |
| 71 | 30.6.6. | 150 | 11 | "An EDMG STA supports open loop precoding if the Open Loop Precoding Supported subfield in the STA's EDMG Capabilities element is one. An open loop precoding capable STA may transmit an EDMG OFDM mode SU PPDU with two streams with open loop precoding to a peer STA that is also open loop precoding capable, and shall not transmit the SU PPDU if the peer STA is not open loop precoding capable" | Move to the MAC |

**Proposed Resolution: Revised**

These comments are appropriate. Therefore, the following text is proposed.

30.6.7.3 Phase hopping

***Delete the following text and move this text to a new subclause 10.X (CID 70 and 71):***

~~An EDMG STA supports phase hopping if the PH Supported field in the STA’s EDMG Capabilities element is one. A phase hopping capable STA may transmit an EDMG OFDM mode SU PPDU with two streams with phase hopping to a peer STA that is also phase hopping capable, and shall not transmit the SU PPDU if the peer STA is not phase hopping capable.~~

~~An EDMG STA supports open loop precoding if the Open Loop Precoding Supported subfield in the STA’s EDMG Capabilities element is one. An open loop precoding capable STA may transmit an EDMG OFDM mode SU PPDU with two streams with open loop precoding to a peer STA that is also open loop precoding capable, and shall not transmit the SU PPDU if the peer STA is not open loop precoding capable.~~

10.X Phase hopping operation

An EDMG STA supports phase hopping if the PH Supported field in the STA’s EDMG Capabilities element is one. A phase hopping capable STA may transmit an EDMG OFDM mode SU PPDU with two streams with phase hopping to a peer STA that is also phase hopping capable, and shall not transmit the SU PPDU if the peer STA is not phase hopping capable.

An EDMG STA supports open loop precoding if the Open Loop Precoding Supported subfield in the STA’s EDMG Capabilities element is one. An open loop precoding capable STA may transmit an EDMG OFDM mode SU PPDU with two streams with open loop precoding to a peer STA that is also open loop precoding capable, and shall not transmit the SU PPDU if the peer STA is not open loop precoding capable.

**Straw poll:**

Do you agree to accept resolutions to CID70 and 71 in 11-17-1415-00-00ay-comment-resolution-on-phase-hopping?