Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**	
Title	**Master Allocation Index**	
Date Submitted	**2007-11-13**	
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Re:	Letter Ballot 29 Task Group Review of P802.16h/D3	
Abstract	It benefits the SS to know which frames the BS claims as master and which frames the BS is using even if not master	
Purpose	Comment 33 in the working group review of P802.16h/D2c was accepted in principle, but the group requested a different implementation.	
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Master Allocation Index

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1. Overview

Comment 33 of [2] was accepted in principle, but the commentor was asked to provide a different mechanism. In addition, in discussion it was determined the the CSI allocation TLV in the DCD message is no longer necessary. It was also determined that "Master Allocation Index" was preferable to "Master Sub-Frame Index", "Master MAC-Frame Index", or "Master Frame Index".

Some bands also have regulations regarding hearing an enabling signal from a properly registered device. In the same mechanism a method is included to allow a BS to indicate if it is an enabling BS.

The Frame maker file is available for the editor.

2. Specific Editing Changes

This document provides changes to IEEE P802.16h/D2b [1].

Blue underlined text represents specific editing changes.

~~Red strikethrough~~ text is to be deleted.

Black text is already in the draft.

Bold italics text is editing instructions to the editor.

On page 52, lines 1-10, replace the CSI allocation TLV in table 358 with:

Name	Type (1 byte)	Length	Value (variable length)	PHY Scope

Frame Usage	62	2	Bit 0-1: Master Allocation Index - indicates to the SS which of the 4 frames this BS claims as its master frame. Bit2: Set to TRUE (1) if the BS is sharing frame 0 of the 4 frame sequence. Set to FALSE (0) otherwise. Bit3: Set to TRUE if the BS is sharing frame 1 of the 4 frame sequence. Set to FALSE otherwise. Bit4: Set to TRUE if the BS is sharing frame 2 of the 4 frame sequence. Set to FALSE otherwise. Bit5: Set to TRUE if the BS is sharing frame 3 of the 4 frame sequence. Set to FALSE otherwise. Bit6: Set to TRUE (1) if the BS is borrowing frame 0 of the 4 frame sequence. Set to FALSE (0) otherwise. Bit7: Set to TRUE if the BS is borrowing frame 1 of the 4 frame sequence. Set to FALSE otherwise. Bit8: Set to TRUE if the BS is borrowing frame 2 of the 4 frame sequence. Set to FALSE otherwise. Bit9: Set to TRUE if the BS is borrowing frame 3 of the 4 frame sequence. Set to FALSE otherwise. Bit 10-14: reserved Bit15: Set to TRUE if this BS's signal is an enabling signal per the reglatory definitions of the band of operation. Set to FALSE otherwise.	WirelessMAN-CX (SCa/OFDM/OFDMa)

Throughout the document replace all instances of "Master Sub-Frame Index", "Master MAC-Frame Index", or "Master Frame Index" with "Master Allocation Index".

3. References

[1] IEEE P802.16h/D3: *Air Interface for Fixed Broadband Wireless Access Systems Improved Coexistence Mechanisms for Licensed Exempt Operation*, Working Group Draft, 1 Oct 2007.

[2] IEEE 80216h-07_20r3, "Comments in Task Group Review of Working Group Draft P802.16h/D2c", 4 Oct 2007