Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Updating figure for Master Priority Order**
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Re:	**IEEE 802.16-07/050: IEEE 802.16 Working Group Letter Ballot #29: Announcement (2007-10-05)**
Abstract	**Updating figure for Master Priority Order**
Purpose	To consolidate the 16h draft.
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Updating figure for Master Priority Order

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Overview

The following figure in illustration of Master Priority Order should be update accordingly to show it in CX-Frame structure.

Reference:

[1] *IEEE 802.16h-07/020r3 Comments in Task Group Review of Working Group Draft P802.16h/D2c (2007-10-04)*

[2] *IEEE P802.16h/D3: 802.16h draft 3(2007-10-01)*

[3] *IEEE 802.16-07/050: IEEE 802.16 Working Group Letter Ballot #29: Announcement (2007-10-05)*

[4] *IEEE C802.16h-07/09: Action Items and Ad-Hocs following Session #51 (Mariana Goldhamer; 2007-09-20)*

[5] *IEEE 802.16-2004: IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed Broadband Wireless Access Systems (2004-10-01)*

[6] *IEEE 802.16e-2005: IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems Amendment 2: Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands and Corrigendum 1 (2006-02-28)*

Proposed Changes accordingly:

In order to enable service to regions in which two slave systems overlap, a hierarchy structure shall be applied among the slaves, as follows:

~~Let S1 denote the master system of the first frame (CX_MAC_NO=1), S2 the master system the second frame (CX_MAC_NO=2) and S3, the master system of the third frame (CX_MAC_NO = 3). In the first set of 3 frames the systems priority will be demoted from frame to frame:~~

- ~~In case the MAC frame number (CX_MAC_NO) is on above a multiple of 6 (CX_MAC_NO mod 6=1), S3 will be the secondary master in the frame~~
- ~~In case CX_MAC_NO mod 6 =2, S1 will be the secondary master~~
- ~~In case CX_MAC_NO mod 6 =3, S2 will be the secondary master~~

~~In the second set of 3 frames the systems priority will be demoted from frame to frame~~

- ~~In case CX_MAC_NO mod 6 =4, S2 will be the secondary master~~
- ~~In case CX_MAC_NO mod 6 =5, S3 will be the secondary master~~
- ~~In case CX_MAC_NO mod 6 =0, S1 will be the secondary master of sub-frame 3.~~

Let S1 denote the master system of the first frame (MAC Frame=4N), S2 the master system the second frame (MAC Frame 4N+1) and S3, the master system of the third frame (MAC Frame 4N+2). In one CX Frame the systems priority will be demoted from frame to frame:

— In MAC frame number 4N S3 will be the secondary master in the frame

— In MAC Frame 4N+1, S1 will be the secondary master

— In MAC Frame 4N+2, S2 will be the secondary master

In the following CX-Frame the systems priority will be promoted from frame to frame

— In MAC Frame 4(N+1) S2 will be the secondary master

— In MAC Frame 4(N+1)+1, S3 will be the secondary master

— In MAC Frame 4(N+1)+2, S1 will be the secondary master

When system Si has priority over system Sj, it means that system Sj will not transmit a signal that would interfere with any SS of system Si.

Figure h52 shows the priority order for 3 systems in different sub-frame structures. The common parts and TX/RX boundaries are omitted. The arrows show the priority demotion and promotion for system S1.

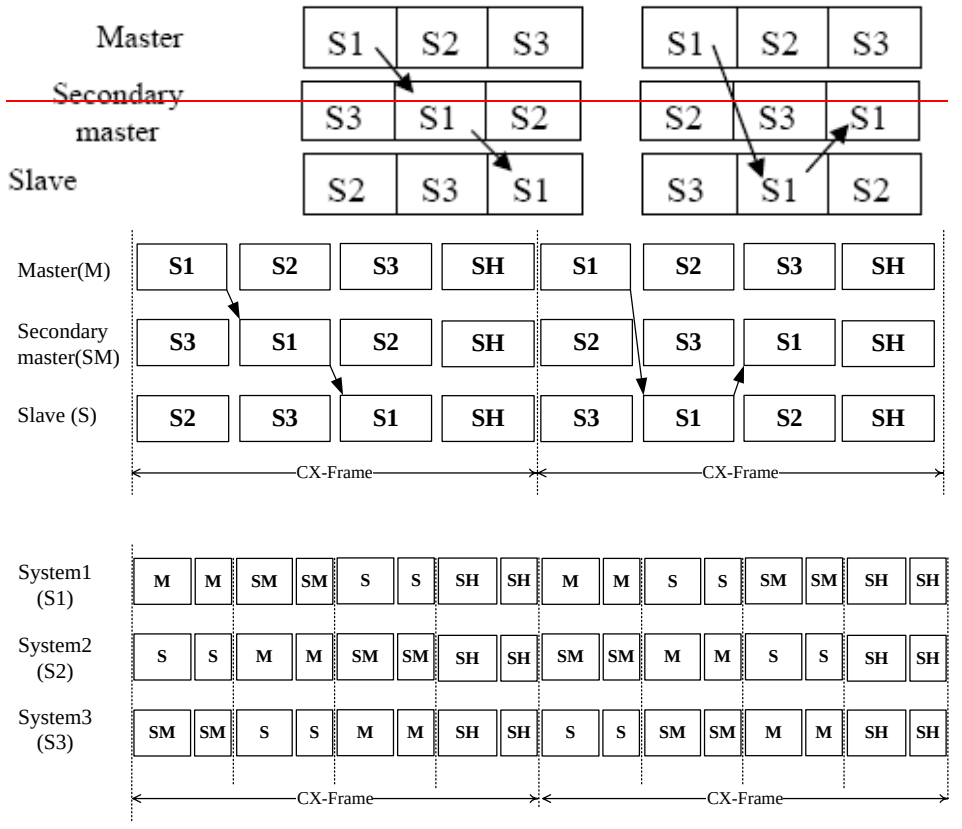

Figure h52 —Priority Order for a 3 system community