Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	Reply Comments: Editorial comments on some UCD TLVs
Date Submitted	**2007-03-14**
Source(s)	Jungnam Yun POSDATA Co., LTD
Re:	P80216/Cor2/D2
Abstract	This document clarifies the editorial errors regarding UL control region TLVs
Purpose	Adopt changes
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Editorial comments on some UCD TLVs

1. Background

The accepted contribution C80216maint-06_038 was not incorporated correctly due to some ambiguous paragraph formats of the original contribution document.

2. Detail Text Changes

[Modify following entries in Table 353 in page 372-373 of IEEE P802.16-2004/Cor2/D2]

Name	*Type (1 Byte)*	*Length*	*Value*
FastFeedback Region	*210*	*5*	~~*Bit #32~34, Parameter d that defines periodicity of 2^d frames*~~ ~~*Bit #35~39, Allocation phase expressed in frames*~~ *Bit #0~31, Contains same fields as in the FAST FEEDBACK Allocation IE in Table 295a:* *OFDMA symbol offset (8 bits), Subchannel offset (7 bits), No. OFDMA symbols (7 bits), No subchannels (7 bits), Reserved (3 bits)* *Bit #32~34, Parameter d that defines periodicity of 2^d frames* *Bit #35~39, Allocation phase expressed in frames*
HARQ AckRegion	*211*	*4*	~~*Bit #32~34, Parameter d that defines periodicity of 2^d frames*~~ ~~*Bit #35~39, Allocation phase expressed in frames*~~ *Bit #0~23, Contains the following fields as in the HARQ ACKCH region allocation IE in Table 302t* *OFDMA Symbol offset (8 bits), Subchannel offset (7 bits), No. OFDMA symbols (5 bits), No. subchannels (4 bits)* *Bit #24~26, Parameter d that defines periodicity of 2^d frames* *Bit #27~31, Allocation phase expressed in frames*
Ranging Region	*212*	*5/10/15/20*	*The value of TLV consists of up to 4 concatenated sections (one section per Ranging method), each having the following structure:* *Bit #0~31, Contains same fields as in the section for UIUC = 12 in Table 287: OFDMA symbol offset (8 bits), Subchannel offset (7 bits), No. OFDMA symbols (7 bits), No. subchannels (7 bits), Ranging method (2 bits), Dedicated ranging indicator = '0'* *Bit #32~34, Parameter d that defines periodicity of 2^d frames* *Bit #35~39, Allocation phase expressed in frames*
Sounding Region	*213*	*5/10*	~~*Bit #24~26, Parameter d that defines periodicity of 2^d frames*~~ ~~*Bit #27~31, Allocation phase expressed in frames*~~ *For 5 bytes per each sounding region* *Bit #0~31, Contains the following fields as in the PAPR reduction/ Safety zone/Sounding zone allocation IE in Table 289:* *OFDMA symbol offset (8 bits), Subchannel offset (7 bits), No. OFDMA symbols (7 bits), No. subchannels (7 bits), PAPR Reduction/Safety Zone (1 bit), Sounding Zone bit = '1', Reserved (1 bit)*

			Bit #32~34, Parameter d that defines periodicity of 2^d frames ***Bit #35~39, Allocation phase expressed in frames***

3. References

[1] IEEE 802.16 2004: "IEEE Standard for Local and Metropolitan Area Networks Part 16: Air Interface for Fixed Broadband Wireless Access Systems".

[2] IEEE Std 802.16e 2005 and IEEE Std 802.16 2004/Cor1 2005 (Amendment and Corrigendum to IEEE Std 802.16 2004)

[3] C80216maint-06_038.doc