Project	IEEE 802.16 Broadband Wireless Access Working Group <**http://ieee802.org/16**>
Title	LDPC coding for OFDMA PHY
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Re:	IEEE P802.16e/D6, sponsor ballot
Abstract	This contribution contains editorial corrections to the accepted text related to LDPC.
Purpose	Editorial corrections related to LDPC.
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Overview

Contribution IEEE C802.16e-05/066r3 (2005-01-27) was adopted to complete the definition of the low-density parity-check code (optional) for OFDMA. A few typos/inconsistencies were introduced into the LDPC text and are corrected below.

Recommended Text Changes

Modify the text in 802.16e_D6 as follows, adjusting the numbering as required:

<In section 8.4.9.2.5.1, p. 444, line 38, "The base matrix ~~size~~ n_b is an integer ~~is an integer multiple of~~ equal to 24". >

<In section 8.4.9.2.5.1, p. 444, line 41, in the equation, change $\lfloor \ \rfloor$ to the intended $[\ ]$, so that the $\mathbf{H}_b$ equation is

" $\mathbf{H}_b = \left\lfloor \left(\mathbf{H}_{b1} \right)_{m_b \times k_b} \ \vdots \ \left(\mathbf{H}_{b2} \right)_{m_b \times m_b} \right.$ ". >

<In section 8.4.9.2.5.1, p. 444, line 46, "and the expansion factor z_f is equal to $n/24$ for code length n. Here f is the index of the code lengths for a given code rate, f=0, 1, 2, … 18. For code length n=2304">

<In section 8.4.9.2.5.2, p. 447, line 55, "$\mathbf{p}$ ~~by~~ be denoted $\mathbf{v}$".>

<In section 8.4.9.2.5.2, p. 449, line 1, "Equations (129d) and (129e)".>

<In section 8.4.9.2.5.4, p. 452,
- line 39, "… concatenation rule for CC (Table ~~315~~317) except that for LDPC …"
- line 52, "The subchannel concatenation rule for CC in Table ~~315~~317 is applied, noting that in Table ~~315~~317 the parameter n is …">