Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: [Resolutions for Supported MCS Comments]

Date Submitted: [September 2008]

Source: [T. Baykas¹, R. Funada¹, M.A Rahman¹, C.S Sum¹, J. Y. Wang¹, Z. Lan¹, C.W Pyo¹, F.

Kojima¹, M. Umehira¹ H. Nakase², H. Harada¹, S. Kato¹]

Company [NICT¹, Tohoku University²]

Address []

Voice: [], E-Mail: []

Re: []

Abstract: [Resolutions for Supported MCS Comments]

Purpose: []

Notice: This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.

Release: The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15.

Suggested Resolution for CIDs #393, #394, #639, #177

Bits:1	1	1	1	1	1	1	1
Reserved	SC	SC	SC	SC	AV	HSI	HSI
	Spreading	QPSK	LDPC1	LDPC 2	HRP 2	16 QAM	64 QAM

Replace Figure 186, with the above figure. Remove Table 96 and Table 97 and related text. Insert below text:

The SC Spreading field shall be set to one if spreading factors 2 and 4 are supported by SC PHY and shall be set to zero otherwise.

The SC QPSK field shall be set to one if QPSK modulation is supported by SC PHY and shall be set to zero otherwise.

The SC LDPC1 field shall be set to one if FEC options LDPC(672, 336), LDPC(672, 504), and LDPC(672, 588) are supported by SC PHY and shall be set to zero otherwise.

The SC LDPC2 field shall be set to one if FEC option LDPC(1440, 1344) is supported by SC PHY and shall be set to zero otherwise.

HSI 16QAM field shall be set to one if 16QAM modulation is supported by HSI PHY and shall be set to zero otherwise.

HSI 64QAM field shall be set to one if 64QAM modulation is supported by HSI PHY and shall be set to zero otherwise.