**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | Sponsor Ballot Comment resolution on OOK PHY (Clause 11a.3) | |
| Date Submitted | 20, October, 2016 | |
| Source | Jae Seung Lee ETRI  218 Gajeong-ro, Yuseong-gu, Daejeon, 305-700, Korea | Voice: +82 42 860 1326 Fax: +82 42 860 1326 E-mail: jasonlee@etri.re.kr |
| Re: | Recirculation\_Sponsor\_Ballot\_Consolidated\_Comments | |
| Abstract | This document proposes comment resolution on OOK PHY CIDs in Clause 11a.3 for TG3e Recirculation Sponsor Ballot. | |
| Purpose | To be used by the technical editor to apply the necessary changes to the draft. | |
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**List of contributors**

|  |  |
| --- | --- |
| **Name** | **Affiliation** |
| Jae Seung Lee | ETRI |
| Moon-Sik Lee | ETRI |
| Yeong Jin Kim | ETRI |

CID r01-83

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| **CID** | **Page** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** | **Resolution Status** |
| r01-83 | 140 | 11a.3.2.2 | 27 | Add Security header in this sentence for clarity, since security header belongs to the MAC frame body | Include the security header in this sentence. | Revised  See the proposed change in 15-16-0735r0. |

**CID r01-83: Proposed Text (based on 802.15.3e D05)**

***Change clause 11a.3.2.2 of 802.15.3e D05 as follows:***

**11a.3.2.2 Header rate dependent parameters**

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The MAC Subheaders in each aggregated subframes shall use the same MCS for the MAC frame body, thus the MCS remains the same within aggregated frames. The Security header shall also use the same MCS for the MAC frame body.

CID r01-84

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| **CID** | **Page** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** | **Resolution Status** |
| r01-84 | 150 | 11a.3.3.2.1 | 27 | Security overhead should be included in the Frame Length field when the security option is enabled. | Add a description on the security overhead when the security option is enabled. | Revised  See the proposed change in 15-16-0735r0. |

**CID r01-84: Proposed Text (based on 802.15.3e D05)**

***Change clause 11a.3.3.2.1 of 802.15.3e D05 as follows:***

**11a.3.3.2.1 HRCP-OOK PHY header**….

The Frame Length field shall be an unsigned integer equal to the number of octets in the MAC frame body including frame payload(s), MAC subheader(s) and padding octets in the aggregated frames, and FCS(s), but not including the frame header and the preamble. The frame length includes the length of the security fields such as SECID, SFC, and Integrity Code, if they are present.

CID r01-86

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| **CID** | **Page** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** | **Resolution Status** |
| r01-86 | 155 | 11a.3.7.1 | 17 | Security overhead should be considered in the maximum frame size when the security option is enabled. | Add a description on the maximum frame size when the security option is enabled. | Revised  See the proposed change in 15-16-0735r0. |

**CID r01-86: Proposed Text (based on 802.15.3e D05)**

***Change clause 11a.3.7.1 of 802.15.3e D05 as follows:***

**11a.3.7.1 Maximum frame size**

The maximum frame length allowed, *pMaxFrameBodySize*, shall be 2,099,200 octets. This total includes the MAC frame body including frame payload(s), MAC subheader(s) and padding octets in the aggregated frames, and FCS(s), but not including the frame header and the preamble. The maximum frame length also does not include the stuff bits. The maximum frame length includes the length of the security fields such as SECID, SFC, and Integrity Code, if they are present.

CID r01-88

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| **CID** | **Page** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** | **Resolution Status** |
| r01-88 | 155 | 11a.3.7.2 | 28 | Wrong references. Change the references to the correct sub-clauses. | Change the references to the correct sub-clause. | Revised  See the proposed change in 15-16-0735r0. |

**CID r01-88: Proposed Text (based on 802.15.3e D05)**

***Change clause 11a.3.7.2 of 802.15.3e D05 as follows:***

**11a.3.7.2 Maximum transfer unit size**

The maximum size data frame passed from the upper layers, *pMaxTransferUnitSize*, shall be 2,097,152 octets. If security is enabled for the data connection, the upper layers should limit data frames to 2,097,152 octets minus the security overhead as defined in 6.3.1.2a, 6.3.3a.2, 6.3.4a.2 and 6.3.5a.2.