**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title |  | |
| Date Submitted | 18 July 2012 | |
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| Re: | 802.14.4k LECIM Draft Preparation | |
| Abstract | Material to support comment resolution | |
| Purpose | Support preparation of the LECIM draft in preparation for balloting | |
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Notes:

New table to insert before Table 4v (PHY Type)

CID 272, 276, 277: See document 15-12-0404-00-004k.

CID 306: I believe the resolution instructions are adequate for the Editors to implement as this is just organizational changes. The support of the WG TE is also required.

CID 378: New rows to add to table 4b:

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| --- | --- | --- | --- |
| Element ID | Content length | Name | Description |
| TBD | Variable | Extended DSME PAN descriptor | 5.2.4.9a |
| TBD | Variable | MPDU Fragment Sequence Context Description IE | 5.2.4.23 |
| TBD | 6 | Simplified Superframe Specification | 5.2.4.27 |
| TBD | Variable | Simplified GTS Specification | 5.2.4.28 |
| TBD | Variable | LECIM Capabilities | 5.2.4.29 |
| TBD | Variable | LECIM Operating Mode Description | 5.2.4.30 |

5.4.2.1.2 I-ACK overview

The interval of the I-ACK is determined by the I-ACK Policy field, which is transmitted to the receiving device in the fragment sequence context, as defined in 5.4.1.1. Upon completion of the fragment cell preceding the expected I-ACK according to the I-ACK policy selected, the initiating device shall suspend transmission and wait ~~macIACKtimeout~~ for the expected I-ACK. Upon reception of the I-ACK, fragments indicated as not received correctly shall be retransmitted. The number of retransmissions shall be limited by *macMaxFrameRetries*. If an I-ACK is not received when expected, ~~has not been received following macIACKtimeout~~, the initiator shall retransmit the last fragment sent and wait for the I-ACK again, repeating this process up to macMaxFrameRetries times.

Upon reception of a fragment, the CVS is validated according to 5.2.1.9. The receiving device shall generate an I-ACK according to the the I-ACK Policy in use; The I-ACK shall be transmitted at the at the next transmit opportunity following the triggering condition."