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

Submission Title: [802.15.3c comment resolution on #7]

Date Submitted: [March 18, 2008]

Source: [Seongsoo Kim, Edwin Kwon, Jae-min Lee, Ilju Na, Chiu Ngo, Sandra Qin, Huai-Rong Shao]

Company [Samsung Electronics]

Address [416 Maetan-3Dong, Youngtong-Gu, Suwon-Shi, Gyungki-Do 443-742, Korea]

Voice: [], FAX: [],

E-Mail: [seongsoo1.kim@samsung.com, cy.kwon@samsung.com, ljmpaul.lee@samsung.com, nailju@samsung.com, chiu.ngo@samsung.com, x.qin@samsung.com, hr.shao@samsung.com]

Re: [In response to IEEE P802.15-08-0020-03-003c-df0-comments]

Abstract: [This document provides revised Block-Ack frame format.]

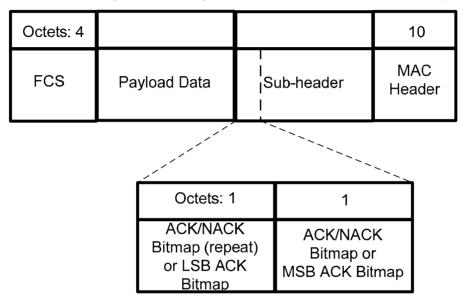
Purpose: [This document provides resolution for comment #7 in IEEE P802.15-08-0020-03-003c-df0-comments]

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.

Submission Edwin Kwon, et. al

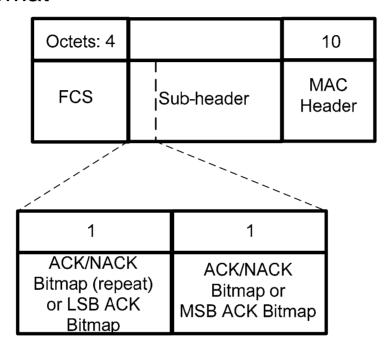
- Implicit Blk-ACK frame format
 - Payload data may or may not consist of multiple sub-frames



- Why Implicit Blk-ACK frame format is necessary for UEP video applications?
 - E.g.1, video conference applications require aggregated frames being transmitted at both ways
 - E.g.2, at downlink UEP video is streamed with aggregated frames; at uplink, some data such as control messages are transmitted with implicit Blk-ACK frames.

Revised Blk-ACK frame format

Unified format



Thanks!