

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >
Title	<b>Clarification of AAS IE and Burst Allocations</b>
Date Submitted	<b>2005-01-13</b>
Source(s)	Inseok Hwang, Jaehee Cho, <a href="mailto:is91.hwang@samsung.com">[is91.hwang@samsung.com]</a> SeungjooMaeng, Jaeho Jeon, Soonyoung YoonSamsung Electronics Co. Ltd.
Re:	Call for comments on working document <b>IEEE 802.16maint-04/10</b>
Abstract	Burst allocation examples in DL/UL AAS zone are illustrated for clarification.
Purpose	Adoption
Notice	This document has been prepared to assist IEEE 802.16. 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 grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.
Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures < <a href="http://ieee802.org/16/ipr/patents/policy.html">http://ieee802.org/16/ipr/patents/policy.html</a> >, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair < <a href="mailto:chair@wirelessman.org">mailto:chair@wirelessman.org</a> > as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site < <a href="http://ieee802.org/16/ipr/patents/notices">http://ieee802.org/16/ipr/patents/notices</a> >.

# Clarification of AAS IE and Burst Allocations

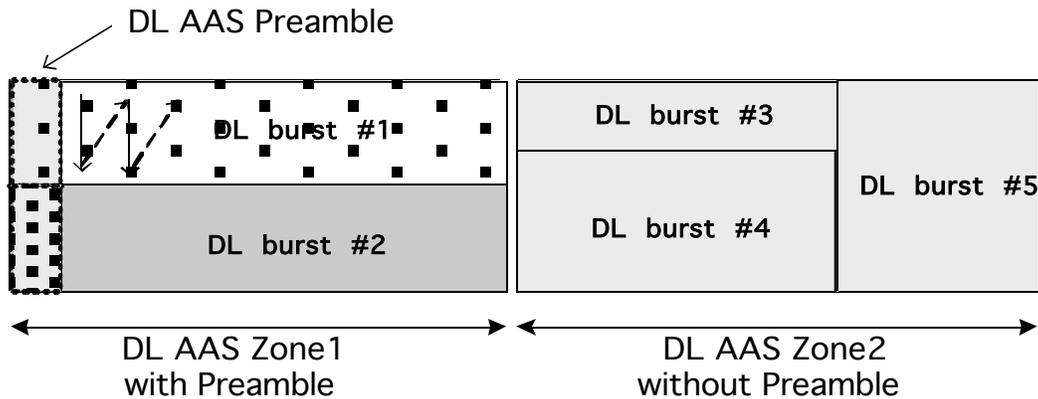
*InSeok Hwang, Jaehee Cho, Seungjoo Maeng, Jaeho Jeon, Soonyoung Yoon*

## Introduction

The current text of **IEEE 802.16maint 04/10** does not show that burst allocation examples in AAS zone. When AAS preamble is included in AAS zone, it is natural to count slots right after AAS preamble in the specific AAS zone. This contribution illustrates the figures for correct and incorrect burst allocations.

## Suggested Text Changes

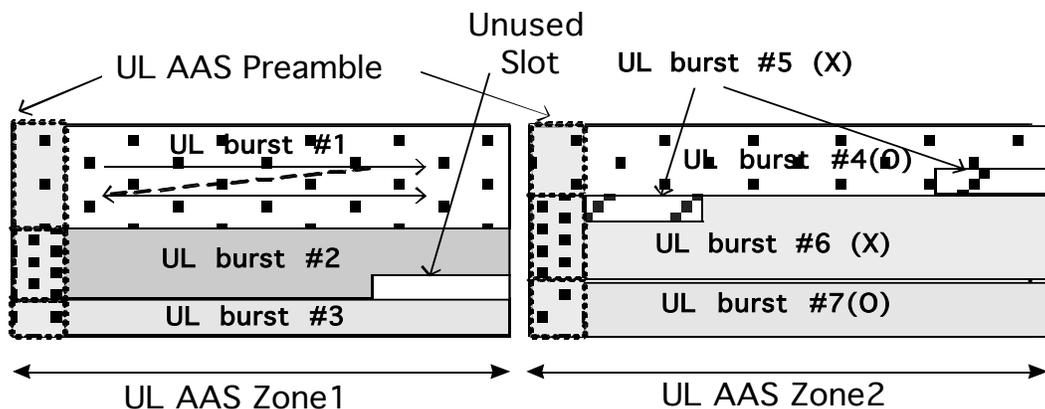
[Add the following figure after AAS\_DL\_IE in Sec. 8.4.5.3.3]



[Fig. XXX. Burst Allocations in DL AAS Zone](#)

[Add the following text and figure after AAS\_UL\_IE in Sec. 8.4.5.4.6]

When AAS preamble is used, slot index in UL AAS zone should start right after AAS preamble and wrap around the AAS zone boundary. Allocation region should not wrap around the AAS zone boundary if AAS preamble used.



[Fig. YYY. Correct and Incorrect Burst Allocations in UL AAS Zone](#)