

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>MS UL Burst Profile Change header</b>	
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Re:	IEEE 802.16j-07/019: "Call for Technical Comments Regarding IEEE Project 802.16j"	
Abstract	This contribution proposes a MS UL Burst Profile Change header.	
Purpose	Text proposal for 802.16j Baseline Document.	
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## MS UL Burst Profile Change header

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## Introduction

In current baseline working document, there is no mechanism for RS to request the MR-BS to change MS UL burst profile. Therefore, we propose “MS UL Burst Profile Change header” as a solution. In order to facilitate the incorporation of this proposal into IEEE 802.16j standard, specific changes to the baseline working document IEEE 802.16j-06/026r4 are listed below.

## Text Proposal

### 6.3.2.1.2.2.2 Extended MAC Signaling Header Type II

*[Change the following table in line 35 of page 9 as indicated]*

Table 19a Extended Type field encodings for Extended MAC signaling header type II

Extended Type field	MAC header Type	Reference figure	Reference table
<u>4</u>	<u>MS UL Burst Profile Change header</u>		<u>Table 19f</u>
<del>5</del> <u>4</u> -7	Reserved		

*[Insert the following subclause 6.3.2.1.2.2.2.5 in page 14:]*

### 6.3.2.1.2.2.2.5 MS UL Burst Profile Change header

MS UL Burst Profile Change header, illustrated in Table 19f, is used by RS to request the MR-BS to change MS UL burst profile.

Table 19f—Description of fields in MS UL Burst Profile Change header

<u>Name</u>	<u>Length</u>	<u>Description</u>
<u>HT</u>	<u>1 bit</u>	<u>= 1</u>
<u>EC</u>	<u>1 bit</u>	<u>= 1</u>
<u>Type</u>	<u>1 bit</u>	<u>= 1</u>
<u>Extended Type</u>	<u>3 bits</u>	<u>= 4</u>
<u>RCID 12</u>	<u>14 bits</u>	<u>14-bit LSB of RS basic CID. (2-bit MSB of CID are all zeros)</u>
<u>UIUC</u>	<u>4 bits</u>	<u>Index of the UIUC preferred by the RS.</u>
<u>MS basic CID</u>	<u>16 bits</u>	<u>Indicates the MS basic CID for changing burst profile.</u>
<u>HCS</u>	<u>8 bits</u>	<u>Header Check Sequence (same usage as HCS entry in Table 5).</u>