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Title	MAP IE for Transparent RS System	
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Re:	IEEE 802.16j-07/013: "Call for Technical Comments Regarding IEEE Project 802.16j"	
Abstract	This contribution proposes MAP IE for transparent RS system	
Purpose	Text proposal for 802.16j Baseline Document	
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## MAP IE for Transparent RS System

### Introduction

This contribution describes MAP IE for transparent RS system. In order to facilitate the incorporation of this proposal into IEEE 802.16j standard, specific changes to the baseline working document IEEE 802.16j-06/026r3 are listed below.

### Text Proposal

#### 8.4.5.4 UL-MAP IE format

##### 8.4.5.4.4.1 UL-MAP extended IE format

*[Change Table 290a as follows:]*

Table 290a—Extended UIUC Code Assignment for UIUC=15

E-UIUC	Usage
00	Power_control_IE
01	Mini-subchannel_allocation_IE
02	AAS_UL_IE
03	CQICH_Alloc_IE
04	UL Zone IE
05	PHYMOD_UL_IE
06	MIMO_UL_Basic_IE
07	UL-MAP_Fast_Tracking_IE
08	UL_PUSC_Burst_Allocation_in_Other_Segment_IE
09	Fast_Ranging_IE
0A	UL Allocation Start IE
<u>0B</u>	<u>RS CDMA Ranging IE</u>
<del>0C0B</del> ... 0F	Reserved

##### 8.4.5.4.4.x RS CDMA Ranging IE format

Table xxx — RS CDMA Ranging IE format

<u>Syntax</u>	<u>Size</u>	<u>Note</u>
<u>RS CDMA Ranging IE () {</u>		
<u>Extended UIUC</u>	<u>4 bits</u>	<u>RS CDMA Ranging IE = 0x0B</u>
<u>Length</u>	<u>4 bits</u>	<u>Length = 4</u>
<u>OFDMA symbol offset</u>	<u>8 bits</u>	
<u>Subchannel offset</u>	<u>7 bits</u>	
<u>No. OFDMA symbols</u>	<u>7 bits</u>	
<u>No. subchannels</u>	<u>7 bits</u>	
<u>Ranging method</u>	<u>2 bits</u>	<u>0b00 – Initial Ranging/Handover Ranging over two symbols</u> <u>0b01 – Initial Ranging/Handover Ranging over four symbols</u> <u>0b10 – BW Request/Periodic Ranging over one symbol</u> <u>0b11 – BW Request/Periodic Ranging over three symbols</u>

<u>Reserved</u>	<u>1 bits</u>	<u>shall be set to zero</u>
<u>1</u>		