

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 on CDMA Codes TLV</b>	
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Re:	IEEE 802.16j-07/019: "Call for Technical Comments regarding IEEE Project P802.16j"	
Abstract	This proposal clarifies the service flow management in MR with distributed RS.	
Purpose	Discuss and adopt proposed text.	
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## Clarification on CDMA Codes TLV

### 1. Introduction

This contribution proposes some editorial and technical fixing for RS CDMA Codes TLV contained in subclause 11.19.1:

- CDMA Codes TLV should be under RNG\_RSP, which is subclause 11.6, not 11.19. This is also mentioned in subclause 6.3.2.3.6.
- Added a bitmap for indicating which of the RS CDMA Code is contained in the TLV. This TLV may not carry all of the codes in one instance. This allows size saving.
- Dedicated periodic ranging can be added as another entry in the CDMA code list.

### 2. Specific Text Change

*[Do the following changes on Page 17 line 11]*

**RS CDMA Codes TLV (see 11.19.6)**

*[Change 11.19.1 as follows]*

#### **11.19.1 CDMA Codes TLV**

*[Move the following in Table 367(.16e)/Table 616(Rev2):]*

Name	Type (1 byte)	Length	Value
RS CDMA Codes	TBA-	4Variable	<p><u>The first byte in the TLV indicates which RS CDMA code is present in the TLV.</u></p> <ul style="list-style-type: none"> <li>- Bit #0: Ranging Request for SS</li> <li>- Bit #1: Forward a Bandwidth Request Message from RS</li> <li>- Bit #2: Ranging Request for RS (<del>Continue</del>)</li> <li>- Bit #3: Forward a Bandwidth Request Header from RS</li> <li>- Bit #4: Resource Request for HARQ Error Report(UL)</li> <li>- Bit #5: Dedicated periodic ranging code</li> </ul> <p><u>The subsequent bytes carry one byte ranging code for each of the bit set in the above bitmap and in the following order:</u></p> <p><u>The TLV carries 4 byte ranging code in the following order</u></p> <ul style="list-style-type: none"> <li>- Ranging Request for SS (<del>Continue</del>)</li> <li>- Forward a Bandwidth Request Message from RS</li> <li>- Ranging Request for RS (<del>Continue</del>)</li> </ul>

			<ul style="list-style-type: none"><li>- Forward a Bandwidth Request Header from RS</li><li>- Resource Request for HARQ Error Report(UL)</li><li>- <u>Dedicated periodic ranging code</u></li></ul>
<u>Transparent MR system-CDMA Code</u>	<u>TBD</u>	<u>±</u>	<u>The TLV carries 1 byte ranging code in the following order:</u> <ul style="list-style-type: none"><li>- <u>Dedicated periodic ranging code</u></li></ul>