

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Clarification on CDMA Codes TLV	
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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"> - Bit #0: Ranging Request for SS - Bit #1: Forward a Bandwidth Request Message from RS - Bit #2: Ranging Request for RS (Continue) - Bit #3: Forward a Bandwidth Request Header from RS - Bit #4: Resource Request for HARQ Error Report(UL) - Bit #5: Dedicated periodic ranging code <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"> - Ranging Request for SS (Continue) - Forward a Bandwidth Request Message from RS - Ranging Request for RS (Continue)

			<ul style="list-style-type: none">- Forward a Bandwidth Request Header from RS- Resource Request for HARQ Error Report(UL)- <u>Dedicated periodic ranging code</u>
<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">- <u>Dedicated periodic ranging code</u>