Project	IEEE 802.16 Broadband Wireless Access Working Group http://ieee802.org/16 >		
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Re:	IEEE 802.16j-07/019: "Call for Technical Comments regarding IEEE Project P802.16j"		
Abstract	This proposal clarifies the CDMA Codes TLV location and its content.		
Purpose	Discuss and adopt proposed text.		
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Clarification on CDMA Codes TLV

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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 in 6.3.10.3.5, starting from Page 104 line 16]

The RS may be assigned several unique CDMA ranging codes for the purpose of supporting various ranging

Processes. The codes that may be assigned to the RS to communicatinge different the following requests to the MR-BS: are: 1) Indicate that the RS needs BW on its access downlink (for SS) on which to transmit for sending a RNG-RSP message with "continue" status. In this case, the RS does not send RS BR header to the MR-BS.

2) Indicate that the RS needs a BW allocation on the relay uplinks along the path to the MR-BS on which to Transmit for sending a BW request message.

3) Indicate that the RS needs BW on its relay downlink (i.e. to its downstream subordinate RS) on which to for transmit sending a RNG-RSP message with "continue" status. In this case, the RS does not send RS BR header to the MR-BS.

4) Indicate that the RS needs BW allocations on the relay uplinks along the path to the MR-BS on which to for forwarding a BW request header

5) RS needs BW allocations on the relay uplinks for sending HARQ error report

6) RS to perform dedicated periodic ranging

[Do the following changes onPage 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	Туре	Length	Value
	(1 byte)		
RS CDMA Codes	<u>TBA</u> -	4Variable	The first byte, CDMA Code Index, indicates which RS
			CDMA code is present in the TLV.
			- 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
			The subsequent bytes carry one byte ranging code for each
			of the bit set in the above bitmap and in the following

			order: The TLV carries 4 byte ranging code in the following order order - Ranging Request for SS (Continue) - Forward a Bandwidth Request Message from RS - Ranging Request for RS (Continue) - Forward a Bandwidth Request Header from RS - Forward a Bandwidth Request Header from RS - Resource Request for HARQ Error Report(UL) - Dedicated periodic ranging code
Transparent MR system CDMA Code	<u>T BÐ</u>	±	The TLV carries 1 byte ranging code in the following order: Dedicated periodic ranging code