Project	IEEE 802.16 Broadband Wireless Access Working Group <**http://ieee802.org/16**>	
Title	MS CDMA-based BR in Non-transparent RS System under Centralized Scheduling	
Date Submitted	2006-03-15	
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Re:	IEEE 802.16j-07/007r2: “Call for Technical Comments and Contributions regarding IEEE Project 802.16j”	
Abstract	This contribution proposes text modification on *6.3.6.7.2.1* of the baseline working document IEEE 802.16j-06/026r2	
Purpose	Discussion and Adoption in IEEE 802.16j	

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MS CDMA-based BR in Non-transparent RS System under Centralized Scheduling

Introduction

This contribution describes the specific changes to *6.3.6.7.2.1* of the baseline working document IEEE 802.16j-06/026r2.

Proposed Text Modification

Add the following sentence and Figure after the second sentence of the third paragraph in 6.3.6.7.2.1

Thus, when an RS receives a BW request CDMA ranging code from one of its SSs, it shall send the appropriate RS CDMA ranging code toward the MR-BS indicating that one of its SSs is requesting to forward a BW request header to the MR-BS. When an intermediate RS along the path to the MR-BS receives an RS CDMA ranging code, it shall simply relay this code in the uplink direction. Upon receiving an RS CMDA ranging code, the MR-BS shall respond by ~~creating the appropriate downlink and uplink allocations~~ allocating uplink bandwidth to each RS along the relay path from the RS specified by the code for the purpose of forwarding an MR_Code-REP message containing information about the CDMA ranging code received from the SS. The MR-BS shall use the CMDA ranging code and transmit region information in the MR_Code-REP to create a CDMA_allocation_IE that allocates bandwidth on which the SS can forward a BW request header to the MR-BS. Please see the figure <XXX>.

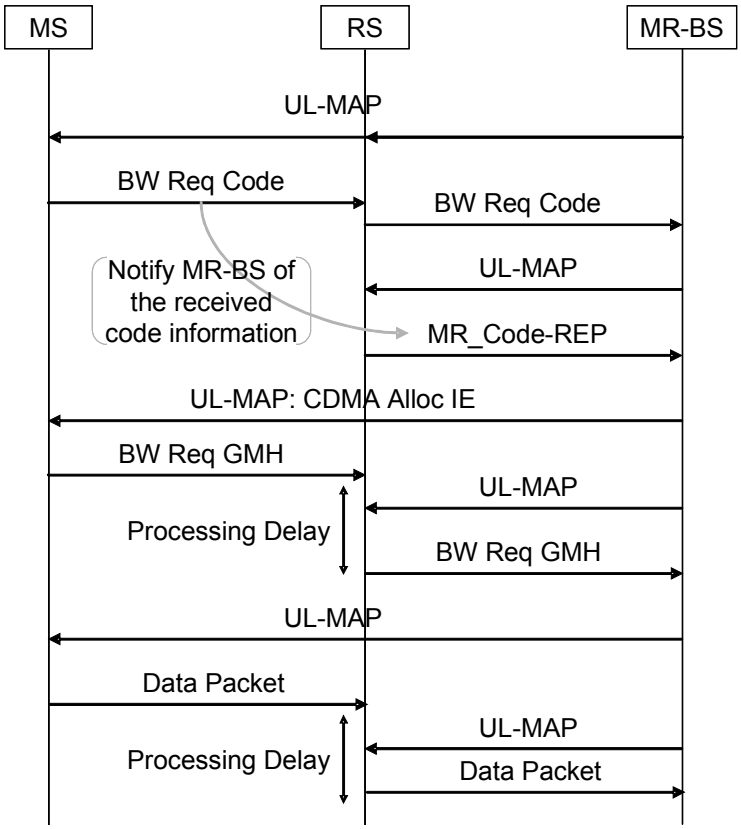

Figure <XXX> BW request/allocation signaling in centralized scheduling