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Title	MS Periodic Ranging in Non-transparent RS System under Distributed Scheduling	
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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 procedures for MS periodic ranging in non-transparent RS	
Purpose	Text proposal for 802.16j Baseline Document	
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MS Periodic Ranging in Non-transparent RS System under Distributed Scheduling

Introduction

This contribution describes MS periodic ranging in non-transparent RS system under distributed scheduling scheme. In order to facilitate the incorporation of this proposal into IEEE 802.16j standard, specific changes to the baseline working document IEEE 802.16j-06/026r2 are listed below.

Text Proposal

6.3.10 Ranging

6.3.10.3 OFDMA based ranging

6.3.10.3.4 Relaying support for OFDMA based ranging

[Insert the following subclause]

6.3.10.3.4.2 MS periodic ranging and automatic adjustments in non-transparent RS systems

[This subclause is just a place holder. The contents are in a different contribution.]

6.3.10.3.4.2.1 Non-transparent RS with Centralized Scheduling

[This subclause is just a place holder. The contents are in a different contribution.]

6.3.10.3.4.2.2 Non-transparent RS with Distributed Scheduling

When RS receives the CDMA ranging code, RS shall locally send RNG-RSP to MS on the access link.

The message sequence charts (Table yyy) and flow charts (Figure zzz) define the periodic ranging and adjustment process that shall be followed by compliant RSs and MR-BSs.

Table yyy: Ranging and automatic adjustment procedure in non-transparent RS systems under distributed scheduling

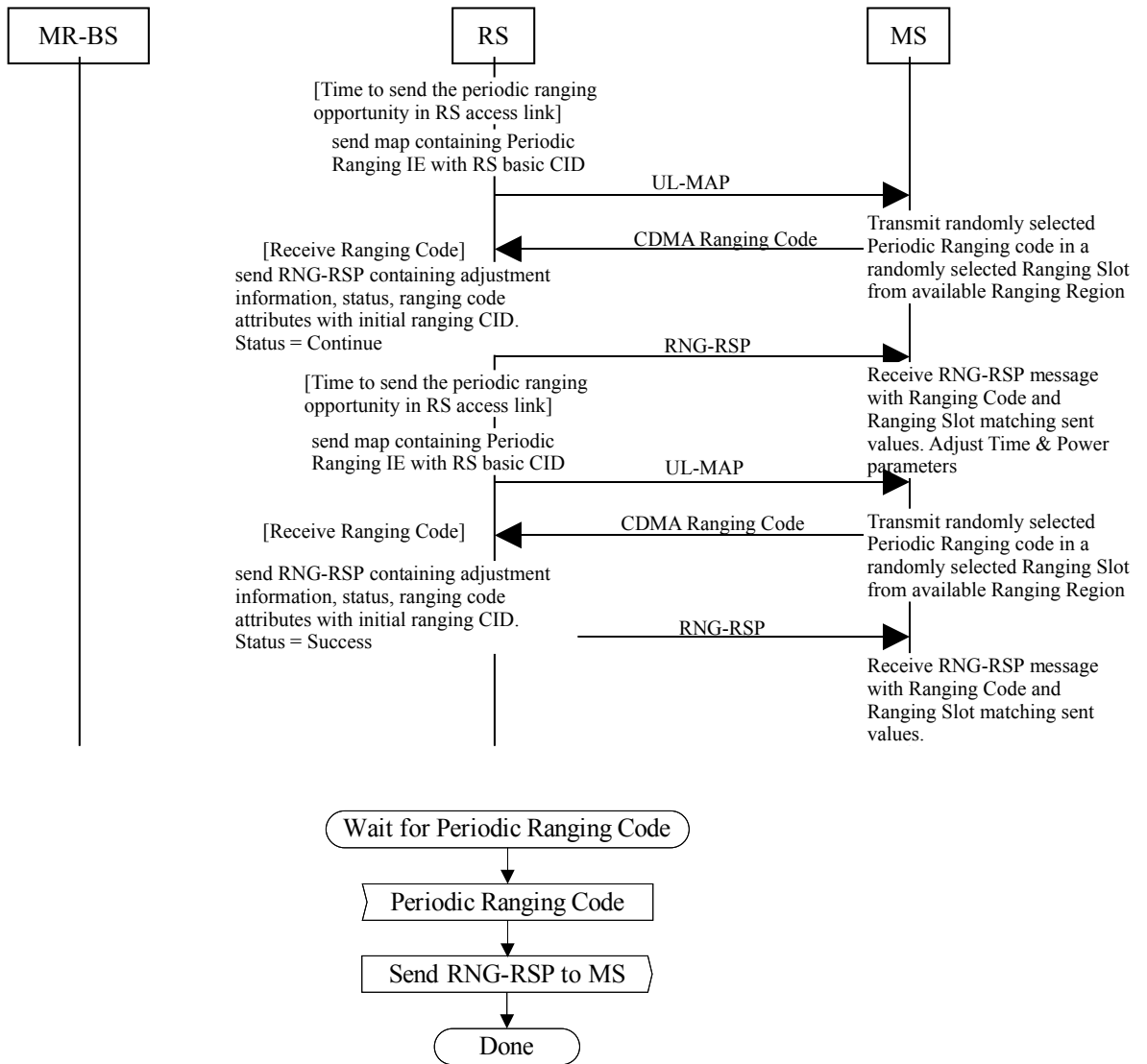


Figure zzz MS CDMA-based periodic ranging in non-transparent RS systems – Access Non-transparent RS