Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**	
Title	Format of R-MAP within RS-Zone	
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Re:	A response to a Call for Technical Proposal, http://www.ieee802.org/16/relay/docs/80216j-07_007r2.pdf	
Abstract	R-MAP in RS_Zone is used for a parent station (MR-BS or RS) to signal the resource assignment in the RS_Zone. This contribution propose the format of R-MAP in RS_Zone.	
Purpose	To incorporate the proposed text into the P802.16j Baseline Document (IEEE 802.16j-06/026r2)	
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R-MAP Within RS_Zone

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1. Introduction

R-MAP in RS_Zone is used for a parent station (MR-BS or RS) to signal the resource assignment in the RS_Zone. This contribution is addressing the format of R-MAP in RS_Zone.

2. Proposal

As agreed in the session #46, resource assignment will be done by R-MAP. This contribution proposes the baseline R-MAP message framework. Detailed R-MAP IE can then be introduced into this framework later on.

3. Proposed text change

++++++++++++++++++++++ Start Text ++++++++++++++++++++++++++++++++

3.1 R-MAP message

[Modify the last row in Table 14 in page 4 as follows]

Type	Message name	Message description	Connection
~~68-255~~ 68	RS_MAP	Resource assignment message transmitted in Relay Zone	Broadcast
69-255		Reserved	

[Add new subclause 6.3.2.3.65]

6.3.2.3.65 R-MAP message

This massage is used for a parent station (MR-BS or RS) to signal the resource assignments to its child RS(s) in the relay zone. This message shall be sent within DL Relay Zone. The length and modulation and coding rate are indicated in R-FCH. The message format is shown in Table xxx

Table XXX. R-MAP Message Format.

Syntax	Size	Notes
R-MAP format {		
Management message type = 67	8 bits	
Number of IEs	4 bits	Indicates the number of IEs included
For (i = 0; i<Number of IEs; i++) {		
R-MAP_IE()	Variable	
}		
}		

[Add new subclause 8.4.5.9]

8.4.5.9 R-MAP IE format

In this section, various R-MAP IE formats are described.

Reference

[1] IEEE C80216j-06/233: “Frame Structure to Support Relay Node Operations”,