Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Amendment to PM Confirmation Code in Explicit Path Management Messages**
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Re:	IEEE 802.16j-06/027: “Call for Technical Proposals 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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Amendment to Explicit Path Management Messages

1. Introduction

A different message structure for DSA/DSC/DSD-RSP is defined for explicit path management because a PM confirmation code was introduced. However, the PM confirmation code can reuse confirmation code defined in .16d/e. This contribution proposes to replace PM confirmation code with confirmation code and remove the related text.

2. Specific Text Change

6.3.2.3.11 DSA-RSP message

[Change the text in 6.3.2.3.11 as following:]

In multi-hop relay network, a DSA-RSP is also sent by a RS to confirm the path management operation requested in the correspondent DSA-REQ. The access RS on the last hop on a specific path should generate the DSA-RSP in the form shown in Table T39~~-1~~. When a RS receives a DSA-RSP, it shall update the confirmation code and generate a DSA-RSP in the form shown in Table T39~~-1~~ and sends it to the previous RS on the path.

~~Table 39-1 – DSA-RSP message format~~

~~Syntax~~	~~Size~~	~~Notes~~
~~DSA-RSP() {~~		
~~Management Message Type = 12~~	~~8 bits~~	
~~Transaction ID~~	~~16bits~~	
~~PM Confirmation Code~~	~~8 bits~~	
~~TLV Encoded Information~~	~~*Variable*~~	~~TLV specific~~
~~}~~		

~~Parameters shall be as follows:~~

~~**Transaction ID**~~
~~Transaction ID from corresponding DSA-REQ~~
~~**PM Confirmation Code** (sec 11.21.8)~~
~~The appropriate Path Management Confirmation Code for the entire correspondent DSA-REQ.~~

6.3.2.3.14 DSC-RSP message

[Change the text in 6.3.2.3.14 as following:]

In multi-hop relay network, a DSC-RSP is also sent by a RS to confirm the path management operation requested in the correspondent DSC-REQ. The access RS on the last hop on a specific path should generate the DSC-RSP in the form shown in Table T42~~-1~~. When a RS receives a DSC-RSP, it shall update the confirmation code and generate a DSC-RSP in the form shown in Table T42~~-1~~ and sends it to the previous RS on the path.

Table 42-1 – DSC-RSP message format

Syntax	Size	Notes
DSC-RSP() {		
Management Message Type = 12	8 bits	
Transaction ID	16bits	
PM Confirmation Code	8 bits	
TLV Encoded Information	Variable	TLV specific
}		

Parameters shall be as follows:

Transaction ID
Transaction ID from corresponding DSA-REQ
PM Confirmation Code (see 11.21.8)
The appropriate Path Management Confirmation Code for the entire correspondent DSA-REQ.

6.3.2.3.17 DSD-RSP message

[Change the text in 6.3.2.3.17 as following:]

In multi-hop relay network, a DSD-RSP is also sent by a RS to confirm the path management operation requested in the correspondent DSD-REQ. The access RS on the last hop on a specific path should generate the DSD-RSP in the form shown in Table T44 1. When a RS receives a DSD-RSP, it shall update the confirmation code and generate a DSD-RSP in the form shown in Table T44 1 and sends it to the previous RS on the path.

Table 44-1 – DSD-RSP message format

Syntax	Size	Notes
DSD-RSP() {		
Management Message Type = 12	8 bits	
Transaction ID	16bits	
PM Confirmation Code	8 bits	
TLV Encoded Information	*Variable*	TLV specific
}		

Parameters shall be as follows:

Transaction ID
Transaction ID from corresponding DSA-REQ
PM Confirmation Code (see 11.21.8)
The appropriate Path Management Confirmation Code for the entire correspondent DSD-REQ.

11.13 Service low Management Encodings

[***Add the following text before subclause 11.13.1:]***

The CC = “Ok/success” and CC = “reject-other” can also be used as the confirmation code to confirm the path management operation as defined in subclause 6.3.2.3.11, 6.3.2.3.14 and 6.3.2.3.17.

[Remove subclause11.22.8]

~~11.22.8 PM Confirmation Code TLV~~

~~TBD.~~