Project	**IEEE 802.16 Broadband Wireless Access Working Group <**http://ieee802.org/16**>**	
Title	**Comments on the system reference model of SDD**	
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Re:	IEEE 802.16m-08/005**-** Call for Contributions on Project 802.16m System Description Document (SDD) Topic: Comments on IEEE 802.16m-08/003	
Abstract	This contribution proposes modifications to 16m system reference model to enable Management/Control plane in the relay station.	
Purpose	For discussion and approval by IEEE 802.16 Working Group	
Notice		
Release		
Patent Policy		

Comments on the reference model of SDD

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Introduction

In the IEEE 802.16m system reference model of IEEE 802.16m SDD (IEEE 802.16m-08/003), the relay station is included in the Data/Control plane. However, the relay station (if present) is a critical component in 16m network infrastructure. Therefore, it shall be included in the Management/Control plane.

This contribution proposes modifications to 16m system reference model to enable Management/Control plane in the relay station. In order to facilitate the incorporation of this proposal into SDD, specific changes to SDD are listed below.

Specification Changes

[Modify the following text and Figure 3 in Line 4, Page 8 as indicated:]

5 IEEE 802.16m System Reference Model

A simplified reference model for 802.16 network is shown in Figure 3. An 802.16m/e entity is the logical entity in a SS, RS or BS that comprises the PHY and MAC layers of the data/control plane. The Network Control and Management functions provide various control and management functions (including AAA, security, mobility, radio resource management, service flow management, paging and idle mode, MBS, location based services, MIH function, SS management, network management, regulatory services, multi-RAT interworking, etc.) and resides in ~~both~~ MS, RS and BS. A set of SAPs provide interfaces between them and 802.16m entities.
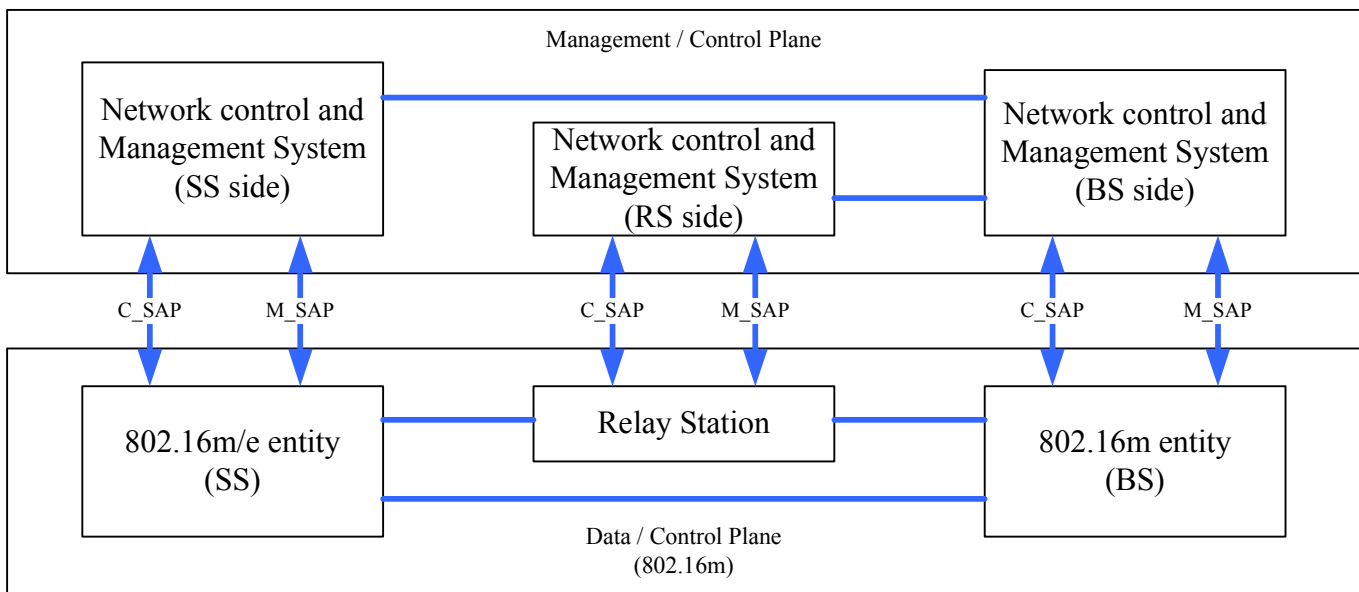

Figure 3 System Reference Model