

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Proposed Modifications to the IEEE 802.16m SDD, Section 5</b>	
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	* <a href="http://standards.ieee.org/faqs/affiliationFAQ.html">http://standards.ieee.org/faqs/affiliationFAQ.html</a> >	
Re:	Revised text for sections 5	
Abstract	Add Bearer SAP (B_SAP) to the 802.16m protocol structure.	
Purpose	Accept the proposed specification changes into IEEE 802.16m SDD	
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# Proposed Modifications to the IEEE 802.16m SDD, Section 5

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## Introduction

This contribution proposes several editorial and technical modifications to the 802.16m SDD (IEEE C802.16m-08/003)

The technical modifications are mainly in the section 4 and section 8. We also proposed several editorial modifications throughout the SDD. Added text is marked with Blue underlined text. Deleted text is marked with ~~red-strikethrough~~ text.

The technical modifications are as follow:

- Section 5
  - Modify Figure 3 to add Bearer SAP (B\_SAP). The implication is that the 802.16m entity has the following SAPs interfacing to the upper layer entities: management SAP (M\_SAP), Control SAP (C\_SAP) and Bearer SAP (B\_SAP). Note that we are using the term bearer instead of data SAP as it is less confusing.

1

2 **Proposed Text**

3

4

# 5 IEEE 802.16m System Reference Model

<Editor’s Note: This section describes system reference model in for those functions introduced in the 802.16m air interface>

A simplified reference model for 802.16 network is shown in Figure 1. An 802.16m entity is the logical entity in a SS, RS or BS that comprises the PHY and MAC layers of the [data bearer](#)/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 and BS. A set of SAPs provide interfaces between them and 802.16m entities.

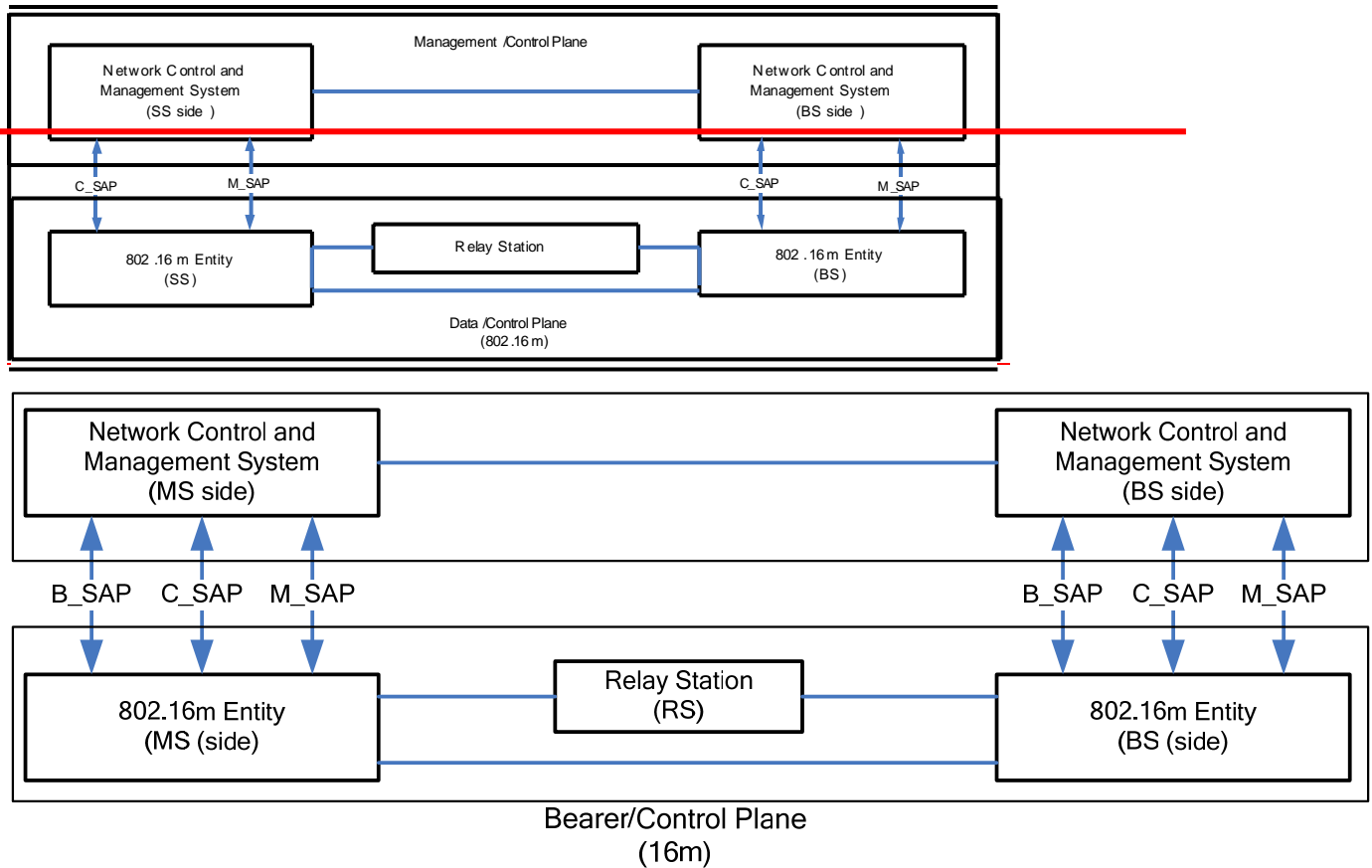


Figure 1 System Reference Model

The implementation of the Relay functionality is FFS.