Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**	
Title	**Skeleton document for 802.16i**	
Date Submitted	**2006-01-12**	
Source(s)	Joey Chou, Intel	[mailto:joey.chou@intel.com]
	Xu Ling, ZTE	[mailto:xu.ling@zte.com.cn]
	Zou Lan, Huawei	[mailto:zlan@huawei.com]
	Jörg Schmidt, Motorola	[mailto:J.Schmidt@Motorola.com]
	Scott F. Migaldi, Motorola	[mailto:W10265@motorola.com]
Re:		
Abstract	This contribution proposed the skeleton document for IEEE 802.16i.	
Purpose	Adoption	
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.	
Release	The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.	
Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures (Version 1.0) <http://ieee802.org/16/ipr/patents/policy.html>, including the statement "IEEE standards may include the known use of patent(s), including patent applications, if there is technical justification in the opinion of the standards-developing committee and provided the IEEE receives assurance from the patent holder that it will license applicants under reasonable terms and conditions for the purpose of implementing the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair <mailto:r.b.marks@ieee.org > as early as possible, in written or electronic form, of any patents (granted or under application) that may cover technology that is under consideration by or has been approved by IEEE 802.16. The Chair will disclose this notification via the IEEE 802.16 web site <http://ieee802.org/16/ipr/patents/notices>.	

Table of Content

1. Overview 3
1.1 Scope 3
1.2 Purpose 3
1.3 Reference Models 3
1.3.1 Management Reference Models 3
9. Configuration 6
13. 802.16 MIB Structure for SNMP 6
15. IRP Definitions 7
15.1 NRM IRP IS 7
15.2 NRM IRP SNMP Solution Set 7
15.3 NRM IRP CORBA Solution Set 7
15.4 NRM IRP XML Solution Set 7
15.5 Interface IRP Considerations 7

1

1. Overview

1.1 Scope

1.2 Purpose

1.3 Reference Models

1.3.1 Management Reference Models

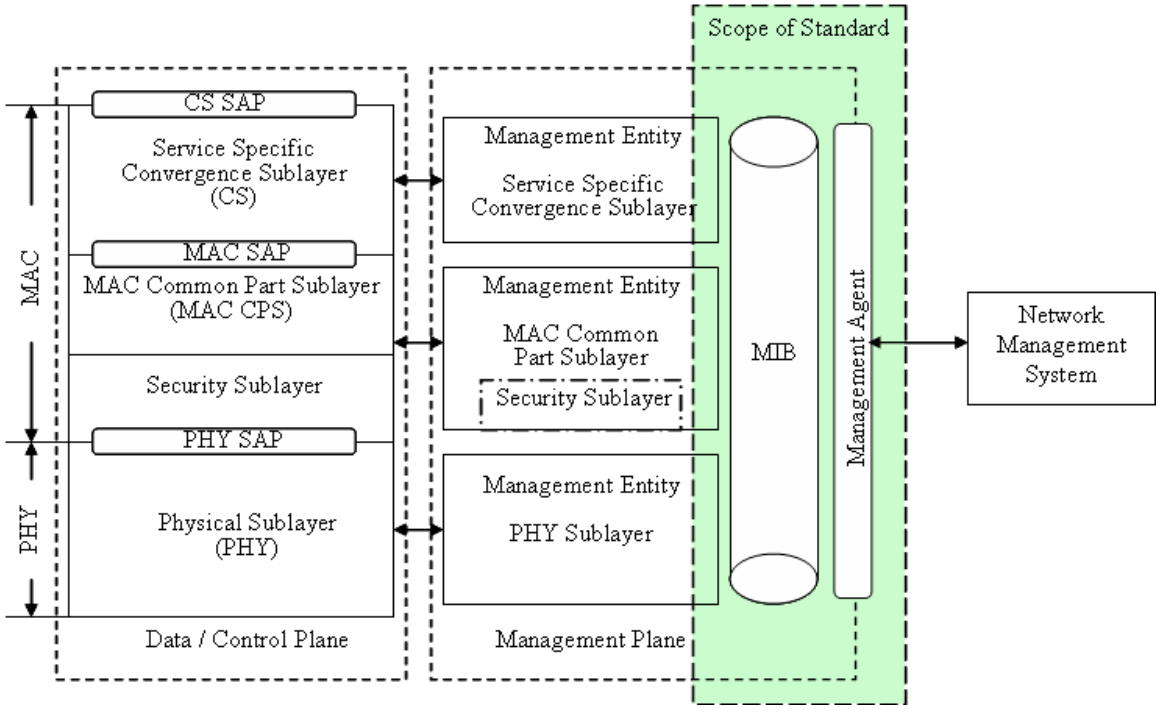

Figure 1—Mobile BWA Network Management Reference Model

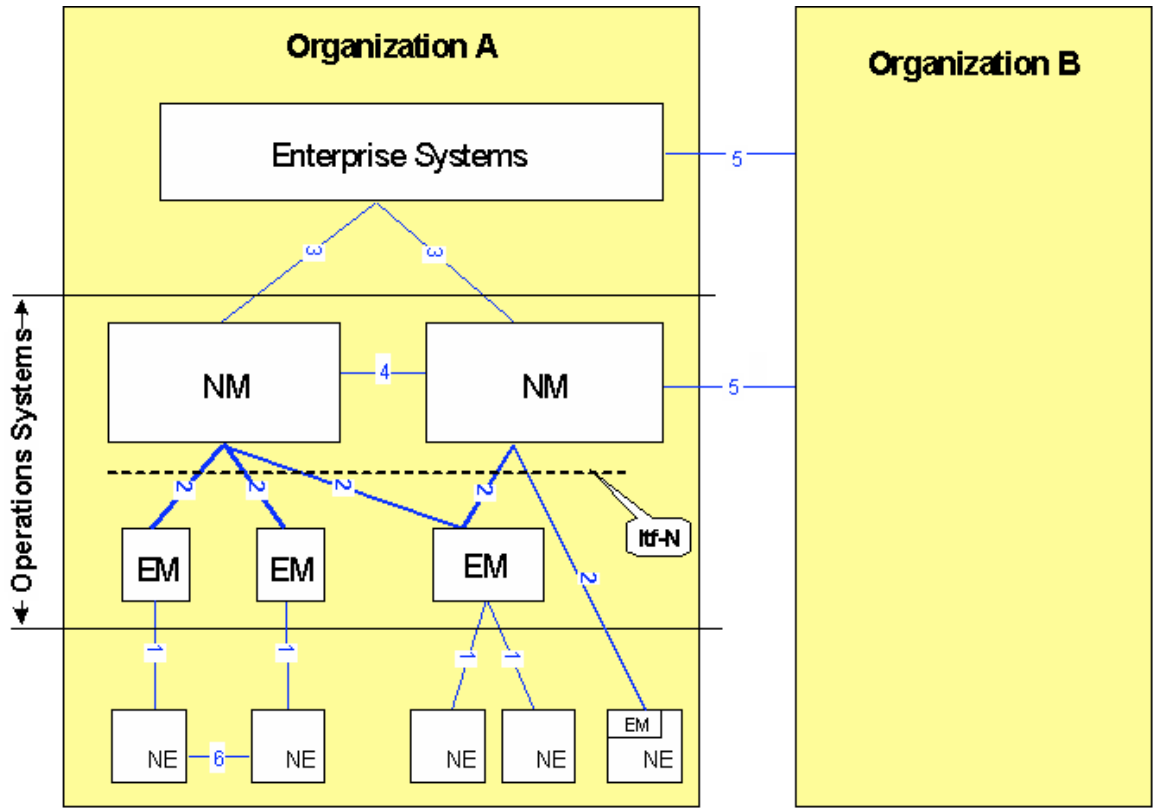

Figure 2—Mobile BWA Network Management Layer Topology

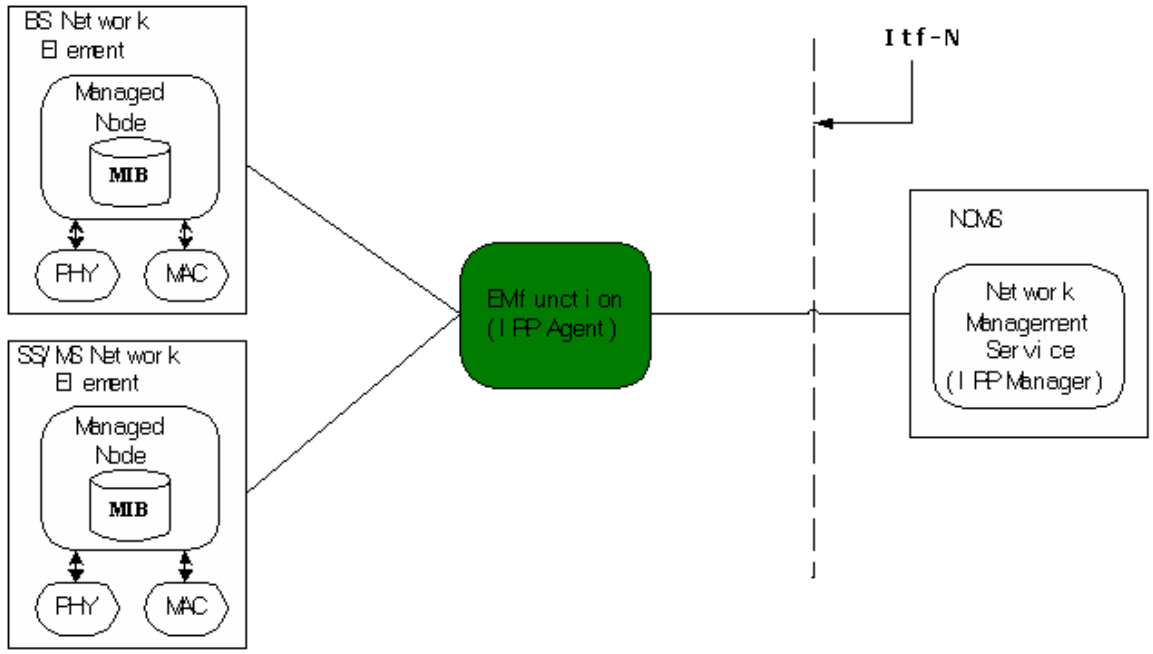

Figure 3—Mobile BWA Network Management Architecture (I)

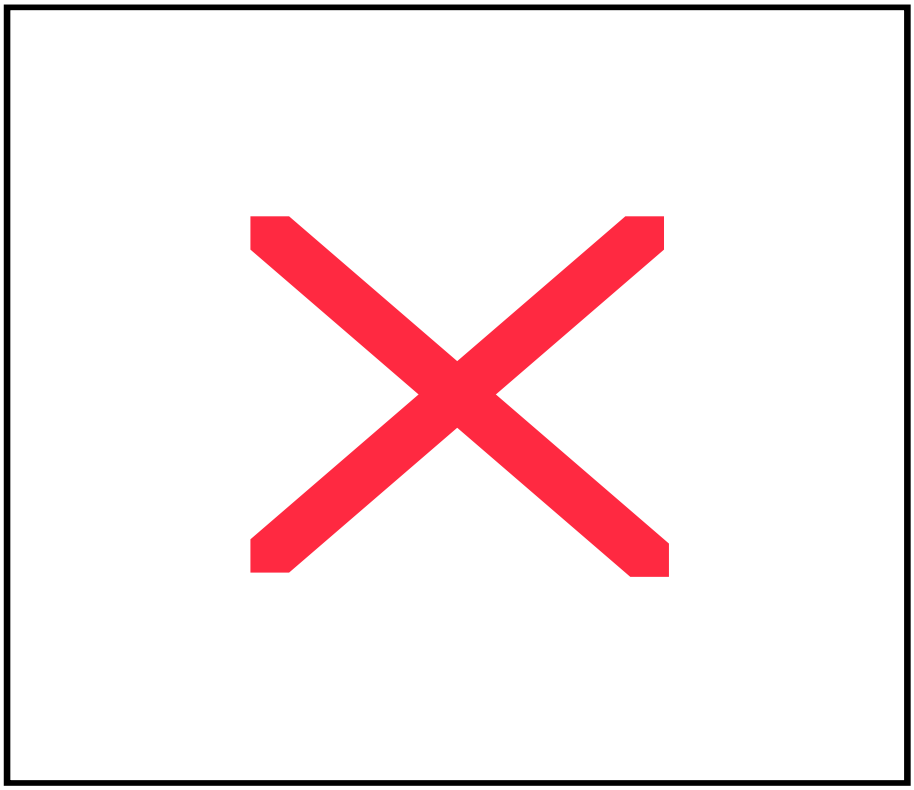

Figure 4—Mobile BWA Network Management Architecture (II)

9. Configuration

13. 802.16 MIB Structure for SNMP

15. IRP Definitions

15.1 NRM IRP IS

15.2 NRM IRP SNMP Solution Set

15.3 NRM IRP CORBA Solution Set

15.4 NRM IRP XML Solution Set

15.5 Interface IRP Considerations