Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Outline for 802.16 Mobility MIB**
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Re:	Contribution to IEEE 802.16i
Abstract	In this contribution, we propose to give an outline for mobility MIB
Purpose	Adoption
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Outline for IEEE802.16i

ZTE Corporation.

Introduction

This contribution propose outline for IEEE802.16 Mobility MIB standard.

Proposed Text

1. Overview
   1.1 Scope
   This document provides updates to IEEE Std 802.16's MIB for the MAC, PHY and associated management procedures in order to accommodate recent extensions to the standard. The project will use protocol-neutral methodologies for network management to develop resource models for the management of devices in a multi-vendor 802.16 network.

   1.2 Purpose
   The purpose of this project is to provide a definition of managed objects to enable the standards-based management of 802.16 devices. This project extends upon the work of IEEE 802.16f in adding MIB support for new features and functions added in IEEE 802.16e and other projects.

   1.3 Management Reference Model
   Figure 1 shows a management reference model of Mobility Broadband Wireless Access (MBWA) networks. It consists of a Network Management System (NCMS), managed nodes. BS managed nodes collect and store the managed objects in the format of requirement that are made available to NCMS via management protocols, such as SNMP etc.
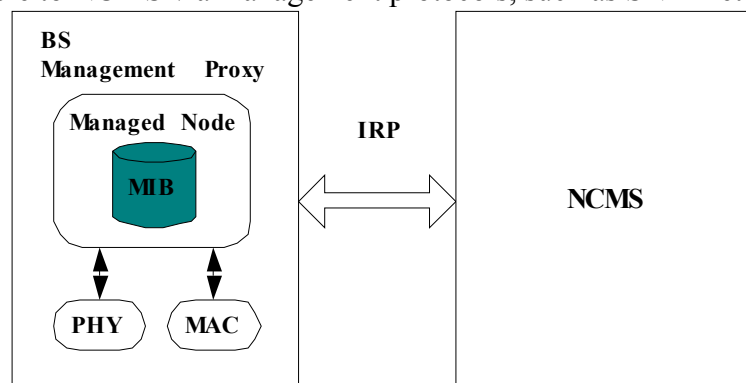

Figure1 network management reference model

2. Reference

3. Definitions and abbreviations

4. Compliance rules
   See 3GPP TS 32.102 [2] clause 10.

5. Network Resource Model
5.1 Network Resource Model (NRM) Analysis

The management information between BS and NCMS includes management control information and network resource information. The network resource information means the abstract of specific managed object. For example, which management object class and which attributes and operations for that management object class should be abstracted for a managed network resource. In this specification, network resource information is defined based on managed nodes function, and the corresponding management object is named network resource management object.

5.2 Generic Configuration NRM

5.3 Generic Performance NRM

6. Solution Set