

802.16 Netman Session #31 WG Report

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Base Document:

Purpose:

Network Management Study Group report to 802.16 WG.

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802.16 Network Management SG Session #31 WG Report

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Approved 2 PARs

- MIB PAR
 - Fixed MIB as amendment to 802.16-2004 (RevD)
- Management Plane PAR
 - Define Management Procedures and interfaces
 - E.G. SMC, MLME_SAP, OTA MIB Access

MIB PAR Motion

- Motion:
- Approve 802.16f_par_and_5C_r1.zip as an output of the Network Management SG.
- Moved: Jeff Mandin
- Seconded: Chris Seagren
- Y: 17 N: 0 A: 0
- Note: The contents of the ZIP file are filed as the two documents:
 - IEEE 802.16mgt-04/01r2
 - IEEE 802.16mgt-04/02

Management Plane PAR Motion

- Motion:
- Approve 802.16g_par_and_5C_r1.zip as an output of the Network Management SG.
- Moved: Chris Seagren
- Seconded: Nikhil Goel
- Y: 17 N: 0 A: 0
- Note: The contents of the ZIP file are filed as the two documents:
 - IEEE 802.16mgt-04/03r2
 - IEEE 802.16mgt-04/04

MIB PAR

- **Title**
 - 802.16 Management Information Base
- **Scope**
 - This document provides enhancements to the IEEE 802.16-2004 standard to define a management information base (MIB) for the MAC and PHY and associated management procedures.
- **Purpose**
 - To provide an ASN.1 definition of managed objects to enable standards based management of 802.16 devices
- **Explanatory Notes**
 - 802.16-2004 is expected to be the standardized form of the 802.16-RevD ongoing work. This standard defines a fixed broadband wireless access system. It does not include mobility, that will be defined in a later amendment

Management Plane PAR

- Title
 - Management Plane Procedures and Services
- Scope
 - This document provides enhancements to the IEEE 802.16-2004 as amended by 802.16e standard MAC and PHY management entities to create standardized procedures and interfaces for the management of conformant 802.16 devices .
- Purpose
 - To provide conformant 802.16 equipment with procedures and services to enable interoperable and efficient management of network resources, mobility and spectrum, and to standardize management plane behavior in 802.16 fixed and mobile devices
- Explanatory Notes
 - 12 Definition of management plane procedures should be performed with reference to an appropriate architectural model or models. This amendment will not define such an architectural model, however informative reference to architectural models shall be included. This amendment shall informatively define logical reference models for the purpose of minimal definition of network entities. It shall not mandate the use of a particular network model or transport protocol. This amendment will define network information elements sufficient to enable base station interoperability.