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S T A N D A R D S

Network Operations Subcommittee

AMERICAN NATIONAL STANDARD

ANSI/SCTE 83-4 2017

**HMS Common Inside Plant
Management Information Base (MIB)
SCTE-HMS-HE-RF-MIB**

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SCOPE

This document is identical to SCTE 83-4 2009 except for informative components which may have been updated such as the title page, NOTICE text, headers and footers. No normative changes have been made to this document.

This document provides MIB definitions for HMS RF equipments present in the headend (or indoor) and is supported by a SNMP agent.

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NORMATIVE REFERENCE

IETF RFC 1907 SNMPv2-MIB
IETF RFC 2578 SNMPv2-SMI
IETF RFC 2579 SNMPv2-TC
IETF RFC 2580 SNMPv2-CONF
IETF RFC 2737 ENTITY-MIB
SCTE 36 SCTE-ROOT
SCTE 37 SCTE-HMS-ROOTS
SCTE 38-11 SCTE-HMS-HEADENDIDENT-MIB

INFORMATIVE REFERENCE

None

TERMS AND DEFINITIONS

This document defines the following terms:

Management Information Base (MIB) – the specification of information in a manner that allows standard access through a network management protocol.

REQUIREMENTS

This section defines the mandatory syntax of the SCTE-HMS-HE-RF-MIB. It follows the IETF Simple Network Management Protocol (SNMP) for defining managed objects.

The syntax is given below.

SCTE-HMS-HE-RF-MIB DEFINITIONS ::= BEGIN

IMPORTS

OBJECT-IDENTITY, MODULE-IDENTITY
FROM SNMPv2-SMI
heRF
FROM SCTE-HMS-HEADENDIDENT-MIB;

heRFMib MODULE-IDENTITY

LAST-UPDATED "200310090000Z" -- Oct 9, 2003
ORGANIZATION "SCTE HMS Working Group"
CONTACT-INFO
"
SCTE HMS Subcommittee, Chairman
mailto:standards@scte.org "

DESCRIPTION

"The MIB module provides the branch object identifiers for the
headend RF MIBs within the SCTE HMS Headend subtree."

::= { heRF 0 }

-- Registration subtree for headend RF equipment

heRFAmplifierGroup OBJECT-IDENTITY

STATUS current
DESCRIPTION
"Defines the base OID for the inside plant
rf amplifiers (see HMS131; SCTE 94-1)."
::= { heRF 1 }

heRFSwitchGroup OBJECT-IDENTITY

STATUS current
DESCRIPTION
"Defines the base OID for the inside plant
rf switches (see HMS132; SCTE 94-2)."
::= { heRF 2 }

END