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S T A N D A R D S

Network Operations Subcommittee

AMERICAN NATIONAL STANDARD

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**HMS VoIP Test
Management Information Base (MIB) Definition
SCTE-HMS-VOIP-MIB**

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1. Scope

This document is identical to SCTE 131 2007 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 VoIP testing between two endpoints. It allows an HMS/DOCSIS transponder or any other device that implements it to be used as a test point to validate VoIP service in the network and to report a common basic set of measurements.

2. Copyright

The MIB definition found in this document may be incorporated directly in products without further permission from the copyright owner, SCTE.

3. Normative References

3.1. SCTE Standards

- ANSI/SCTE 37 2002 SCTE-HMS-ROOTS

3.2. Standards from other Organizations

- IETF RFC 3550 RTP: A Transport Protocol for Real-Time Applications
- ITU-T P.800
- ITU-T G.107 "The E-model," a computational model for use in transmission planning (12/03)

4. Informative References

The following documents may provide valuable information to the reader but are not required when complying with this standard:

ITU-T G.711 Pulse code modulation (PCM) of voice frequencies

- IETF RFC 2578 SNMPv2-SMI
- IETF RFC 2579 SNMPv2-TC
- IETF RFC 2580 SNMPv2-CONF
- IETF RFC 4133 ENTITY-MIB
- IETF RFC 4001 INET-ADDRESS-MIB
- IETF RFC 3411 SNMP-FRAMEWORK-MIB

5. Terms and Definition

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.