SLOVENSKI STANDARD
SIST ETS 300 147 E1:2003

01-december-2003

Prenos in multipleksiranje (TM) – Sinhrona digitalna hierarhija (SDH) – Struktura multipleksiranja

Transmission and Multiplexing (TM); Synchronous Digital Hierarchy (SDH); Multiplexing structure

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Ta slovenski standard je istoveten z: ETS 300 147 Edition 1

ICS:

33.040.20	Prenosni sistem	Transmission systems

SIST ETS 300 147 E1:2003   **en**

iTeh STANDARD PREVIEW

(standards.iteh.ai)

ETSI

EUROPEAN
TELECOMMUNICATION
STANDARD

ETS 300 147

March 1992

Source: ETSI TC-TM

Reference: DE/TM-3001

ICS: 33.080

Key words: Transmission, Multiplexing

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Transmission and Multiplexing (TM);
Synchronous Digital Hierarchy (SDH)
Multiplexing structure

ETSI

European Telecommunications Standards Institute

ETSI Secretariat

Postal address: F-06921 Sophia Antipolis CEDEX - FRANCE
Office address: 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE
X.400: c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

Tel.: +33 92 94 42 00 - Fax: +33 93 65 47 16

New presentation - see History box

iTeh STANDARD PREVIEW

(standards.iteh.ai)

Whilst every care has been taken in the preparation and publication of this document, errors in content, typographical or otherwise, may occur. If you have comments concerning its accuracy, please write to "ETSI Editing and Committee Support Dept." at the address shown on the title page.

Contents

iTeh STANDARD PREVIEW

(standards.iteh.ai)

Blank page

iTeh STANDARD PREVIEW

(standards.iteh.ai)

Foreword

This European Telecommunication Standard (ETS) has been produced by the Transmission and Multiplexing (TM) Technical Committee of the European Telecommunication Standards Institute (ETSI).

This ETS provides inter-vendor and inter-operator compatibility and is based on CCITT Recommendations G.707 [1], G.708 [2] and G.709 [3].

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Blank page

iTeh STANDARD PREVIEW
(standards.iteh.ai)

1 Scope

This European Telecommunication Standard (ETS) specifies the hierarchical bit rates, the multiplexing structure and the mapping schemes to be used in the transmission networks based on Synchronous Digital Hierarchy (SDH).

2 Normative references

This ETS incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references subsequent amendments to, or revisions of, any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

[1]   CCITT Recommendation G.707 (1990): "Synchronous Digital Hierarchy bit rates."

[2]   CCITT Recommendation G.708 (1990): "Network Node Interface for the Synchronous Digital Hierarchy."

[3]   CCITT Recommendation G.709 (1990): "Synchronous multiplexing structure."

3 Definitions and abbreviations

3.1 Definitions

For the purposes of this ETS the definitions given in CCITT Recommendation G.708 [2] apply.

3.2 Abbreviations

For the purposes of this ETS the following abbreviations apply.

ATM   Asynchronous Transfer Mode

AU   Administrative Unit

AUG   Administrative Unit Group

C   Container

CCITT   International Telegraph and Telephone Consultative Committee

ETS   European Telecommunication Standard

ETSI   European Telecommunications Standards Institute

POH   Path Overhead

SDH   Synchronous Digital Hierarchy

STM-N   Synchronous Transport Module-N

TU   Tributary Unit

TUG   Tributary Unit Group

VC   Virtual Container