



SLOVENSKI STANDARD
SIST ETS 300 147 E2:2003
01-december-2003

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

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

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Foreword

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

This second edition of ETS 300 147 (1995) supersedes the first edition of ETS 300 147 (1992).

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

Transposition dates	
Date of latest announcement of this ETS (doa):	30 April 1995
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 October 1995
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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 and 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] ITU-T Recommendation G.707 (1993): "Synchronous digital hierarchy bit rates".
- [2] ITU-T Recommendation G.708 (1993): "Network node interface for the synchronous digital hierarchy".
- [3] ITU-T Recommendation G.709 (1993): "Synchronous multiplexing structure".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of this ETS, the definitions given in ITU-T Recommendation G.708 [2] apply.

3.2 Abbreviations

For the purposes of this ETS the following abbreviations apply.

ATM	Asynchronous Transfer Mode
AU-n	Administrative Unit-n
AUG	Administrative Unit Group
N	Normative
N/R	Not Relevant
POH	Path Overhead
SDH	Synchronous Digital Hierarchy
SOH	Section Overhead
STM-N	Synchronous Transport Module-N
TU-n	Tributary Unit-n
TUG(-n)	Tributary Unit Group (-n)
VC-n	Virtual Container-n

4 Hierarchical bit rates

The hierarchical bit rates used in the SDH transmission network shall be according to ITU-T Recommendation G.707 [1].