



SLOVENSKI STANDARD
SIST ETS 300 167 E1:2003
01-december-2003

Prenos in multipleksiranje (TM) – Funkcijske karakteristike vmesnikov s hitrostjo 2 048 kbit/s

Transmission and Multiplexing (TM); Functional characteristics of 2 048 kbit/s interfaces

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Ta slovenski standard je istoveten z: ETS 300 167 Edition 1

SIST ETS 300 167 E1:2003
<https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003>

ICS:

33.040.20	Prenosni sistem	Transmission systems
35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

SIST ETS 300 167 E1:2003

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST ETS 300 167 E1:2003

<https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003>



EUROPEAN
TELECOMMUNICATION
STANDARD

ETS 300 167

August 1993

Source: ETSI TC-TM

Reference: DE/TM-3006

ICS: 33.020, 33.040.40

Key words: Transmission, multiplexing, interfaces

iTeh STANDARD PREVIEW
Transmission and Multiplexing (TM);
(standards.iteh.ai)
Functional characteristics
of 2 048 kbit/s interfaces

SIST ETS 300 167 E1:2003
<https://standards.iteh.ai/standards/etsi/etsi-300-167-e1-2003/b47311c025cf/sist-ets-300-167-e1-2003>

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

Copyright Notification: No part may be reproduced except as authorized by written permission. The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 1993. All rights reserved.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST ETS 300 167 E1:2003](https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003)

<https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003>

Contents

Foreword	5
1 Scope	7
2 Normative references	7
3 Definitions	7
4 Abbreviations	7
5 Requirements	7
History	10

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST ETS 300 167 E1:2003](https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003)

<https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003>

Blank page

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST ETS 300 167 E1:2003

<https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003>

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 ETS aims at providing inter-vendor and inter-operator compatibility for synchronous frame structures based on CCITT Recommendations G.704 [1] used at primary hierarchical levels and G.706 [2] on frame alignment and Cyclic Redundancy Check (CRC) procedures relating to basic frame structures defined in CCITT Recommendation G.704 [1].

The conformance testing requirements corresponding to the specifications contained in this ETS are to be specified in a different ETS.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST ETS 300 167 E1:2003](https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003)

<https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003>

Blank page

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST ETS 300 167 E1:2003](https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003)

<https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003>

1 Scope

This ETS describes the synchronous frame structures and the frame alignment and Cyclic Redundancy Check (CRC) procedures relevant to 2 048 kbit/s interfaces based on CCITT Recommendations G.704 [1] and G.706 [2].

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.704 (1990): "Synchronous frame structures used at primary and secondary hierarchical levels CCITT blue book III.4 modified according to COM XVIII - R 33 report".
- [2] CCITT Recommendation G.706 (1990): "Frame alignment and cyclic redundancy check (CRC) procedures relating to basic frame structures defined in Recommendation G.704 CCITT blue book III.4 modified according to COM XVIII - R 33 report".

3 Definitions

For the purposes of this ETS, there are no terms needing a specific definition.

4 Abbreviations

For the purposes of this ETS, the following abbreviation applies:

- CRC Cyclic Redundancy Check
<https://standards.iteh.ai/catalog/standards/sist/5df4630e-83dd-460d-9bdc-b47311c025cf/sist-ets-300-167-e1-2003>

5 Requirements

As CCITT Recommendations G.704 [1] and G.706 [2] were written as recommendations, for the purpose of compliance with this ETS the statements given in tables 1 and 2 provide indications on the status of the requirements (i.e. normative, informative or not relevant).

Definitions:

N = normative: requirements with which it shall be necessary to comply in order to be able to claim compliance with this ETS. Therefore, functions and features in Clauses/subclauses of CCITT Recommendations G.704 [1] and G.706 [2], stated as being normative in this ETS, shall be implemented and followed even if the text is given as a recommendation or as an example.

I = informative: the text of this Clause/subclause is provided for information only. Titles for Clauses and subclauses are marked as informative when the requirements are given in further subclauses.

N/R = not relevant: this Clause/subclause is not relevant to this ETS.