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ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

I.414

(09/97)

SERIES I: INTEGRATED SERVICES DIGITAL
NETWORK

ISDN user-network interfaces

Overview of Recommendations on Layer 1 for ISDN and B-ISDN customer accesses

ITU-T Recommendation I.414

(Previously CCITT Recommendation)

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For further details, please refer to ITU-T List of Recommendations.

ITU-T RECOMMENDATION I.414

OVERVIEW OF RECOMMENDATIONS ON LAYER 1 FOR ISDN AND B-ISDN CUSTOMER ACCESSES

Summary

This Recommendation describes the configurations of ISDN and B-ISDN customer accesses, and lists the relevant reference points for the access network interfaces. This Recommendation gives an overview of the relevant Recommendations mainly on Layer 1 aspect for ISDN and B-ISDN customer accesses.

Source

ITU-T Recommendation I.414 was prepared by ITU-T Study Group 13 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on the 19th of September 1997.

FOREWORD

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The World Telecommunication Standardization Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Recommendation I.414

OVERVIEW OF RECOMMENDATIONS ON LAYER 1
FOR ISDN AND B-ISDN CUSTOMER ACCESSES

(Geneva, 1997)

1 Scope

This Recommendation describes the configurations of ISDN and B-ISDN customer accesses, and lists the relevant reference points for the access network interfaces. This Recommendation gives an overview of the relevant Recommendations mainly on Layer 1 aspect for ISDN and B-ISDN customer accesses.

2 References

The following ITU-T Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; all users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published.

- ITU-T Recommendation G.701 (1993), *Vocabulary of digital transmission and multiplexing, and Pulse Code Modulation (PCM) terms.*
- ITU-T Recommendation G.704 (1995), *Synchronous frame structures used at 1544, 6312, 2048, 8488 and 44 736 kbit/s hierarchical levels.*
- ITU-T Recommendation G.707 (1996), *Network node interface for the Synchronous Digital Hierarchy (SDH).*
- ITU-T Recommendation G.784 (1994), *Synchronous Digital Hierarchy (SDH) management.*
- ITU-T Recommendation G.804 (1993), *ATM cell mapping into Plesiochronous Digital Hierarchy (PDH).*
- ITU-T Recommendation G.902 (1995), *Framework Recommendation on functional access networks – Architecture, and functions, access types management and service node aspects.*
- ITU-T Recommendation G.960 (1993), *Access digital section for ISDN basic rate access.*
- ITU-T Recommendation G.961 (1993), *Digital transmission system on metallic local lines for ISDN basic rate access.*
- ITU-T Recommendation G.962 (1993), *Access digital section for ISDN primary rate at 2048 kbit/s.*
- ITU-T Recommendation G.963 (1993), *Access digital section for ISDN primary rate at 1544 kbit/s.*
- ITU-T Recommendation G.964 (1994), *V-interfaces at the digital Local Exchange (LE) – V5.1-interface (based on 2048 kbit/s) for the support of Access Network (AN).*
- ITU-T Recommendation G.965 (1995), *V-interfaces at the digital Local Exchange (LE) – V5.2-interface (based on 2048 kbit/s) for the support of Access Network (AN).*
- ITU-T Recommendation I.112 (1993), *Vocabulary of terms for ISDNs.*
- ITU-T Recommendation I.113 (1997), *Vocabulary of terms for broadband aspects of ISDN.*
- ITU-T Recommendation I.411 (1993), *ISDN user-network interfaces – Reference configurations.*
- ITU-T Recommendation I.413 (1993), *B-ISDN user-network interface.*
- ITU-T Recommendation I.430 (1995), *Basic user-network interface – Layer 1 specification.*
- ITU-T Recommendation I.431 (1993), *Primary rate user-network interface – Layer 1 specification.*



Documents

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