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INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.483

(10/96)

SERIES X: DATA NETWORKS AND OPEN SYSTEM
COMMUNICATION

Message Handling Systems

**Messaging handling systems – P3 protocol
PICS proforma**

ITU-T Recommendation X.483
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(Previously “CCITT Recommendation”)

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FOREWORD

The ITU-T (Telecommunication Standardization Sector) is a permanent organ of the International Telecommunication Union (ITU). The ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

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 (Helsinki, March 1-12, 1993).

ITU-T Recommendation X.483, was revised by ITU-T Study Group 7 (1993-1996) and was approved under the WTSC Resolution No. 1 procedure on the 5th of October 1996.

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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SUMMARY

This Recommendation provides the Protocol Implementation Conformance Statement (PICS) proforma for the P3 protocol specified in Recommendations X.411 and X.419 and in ISO/IEC 10021 Parts 4 and 6. The PICS proforma presents in tabular form the mandatory and optional elements of the P3 protocol.

INTRODUCTION

This Recommendation is one in a set of Recommendations defining Message Handling in a distributed open system environment.

Message Handling provides for the exchange of messages between users on a store-and-forward basis. A message submitted by one user (the originator) is transferred through the Message Transfer System (MTS) and delivered to one or more users (the recipients). The MTS comprises a number of Message Transfer Agents (MTAs), which transfer messages and deliver them to their recipients.

To evaluate the capabilities of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a given OSI protocol. Such statement is called a Protocol Implementation Conformance Statement (PICS).

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Recommendation X.483

MESSAGING HANDLING SYSTEMS – P3 PROTOCOL PICS PROFORMA

(Geneva, 1992; revised in 1996)

1 Scope

This Recommendation provides the Protocol Implementation Conformance Statement (PICS) proforma for the P3 protocol specified in Recommendations X.411 (1988) and X.419 (1988) and in ISO/IEC 10021:1990 Parts 4 and 6. The PICS proforma presents in tabular form the mandatory and optional elements of the P3 protocol.

This PICS proforma is based on the relevant guidance for PICS proformas given in Recommendation X.296. Details of the use of this proforma is provided in the Annex A.

2 Normative references

The following 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 Recommendation and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published.

Amendments and corrigenda to the base standards referenced are listed in Annex B.

NOTE – References in the body of this Recommendation to specific clauses of ITU-T Recommendation shall be considered to refer also to the corresponding clauses of the equivalent ISO/IEC Standards (as noted below) unless otherwise stated.

- ITU-T Recommendation X.290 (1995), *OSI conformance testing methodology and framework for protocol Recommendations for ITU-T applications – General concepts*. (See also ISO/IEC 9646-1.)
- ITU-T Recommendation X.296 (1995), *OSI conformance testing methodology and framework for protocol Recommendations for ITU-T applications – Implementation conformance statements*. (See also ISO/IEC 9646-7.)
- CCITT Recommendation X.402 (1992), *Message handling systems: Overall architecture*. (See also ISO/IEC 10021-2.)
- CCITT Recommendation X.411 (1992), *Message handling systems – Message transfer system: Abstract service definition and procedures*. (See also ISO/IEC 10021-4.)
- CCITT Recommendation X.419 (1992), *Message handling systems – Protocol specifications*. (See also ISO/IEC 10021-6.)
- ISO/IEC 9646-1:1994, *Information technology – Open Systems Interconnection – Conformance testing methodology and framework – Part 1: General concepts*.
- ISO/IEC 9646-7:1995, *Information technology – Open Systems Interconnection – Conformance testing methodology and framework – Part 7: Implementation Conformance Statements*.