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European Standard (Telecommunications series)

ETSI endorsement of ATM inter-network interface (AINI) signalling specification; Part 1: Protocol specification

[ATM Forum Specification ATM Inter-Network Interface (AINI)
F-CS-0125.000 (1999), modified]



Reference

DEN/SPAN-05244-1

Keywords

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Services and Protocols for Advanced Networks (SPAN).

The present document is part 1 of a multi-part standard covering the ETSI endorsement of ATM Inter-Network Interface (AINI) signalling specification, as described below:

Part 1: "Protocol specification [ATM Forum Specification ATM Inter-Network Interface (AINI) F-CS-0125.000 (1999), modified]";

Part 2: "Protocol Implementation Conformance Statement (PICS)".

National transposition dates	
Date of adoption of this EN:	24 November 2000
Date of latest announcement of this EN (doa):	28 February 2001
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 August 2001
Date of withdrawal of any conflicting National Standard (dow):	31 August 2001

Endorsement notice

The elements of ATM-Forum specification "ATM Inter-Network Interface (AINI) AF-CS-0125.000 (1999)", apply, with the following modifications:

Clause 1.1

Replace text in section "1.1. Scope" by new text shown below: The present document specifies the stage three (see CCITT Recommendation I.130 [1]) of the ATM Inter-Network Interface (AINI) for use to interconnect between PNNI and B-ISUP based ATM networks. The capabilities of the present document are limited to providing for dynamically establishing, maintaining, and clearing ATM connections between ATM networks. The AINI protocol is based on ATM Forum PNNI [2], [3] and [4] signalling specifications.

The AINI signalling protocol defined in the present document facilitates the interworking of one network running PNNI internally with another network running B-ISUP (see references [12] to [1]) internally, as well as interworking of two networks running PNNI internally.

In addition to defining the AINI signalling protocol, the present document also defines protocol interworking between AINI and PNNI, and between AINI and B-ISUP. Protocol interworking between AINI and any other protocol is not considered in the present document.

Clause 1.2

The table 1-1 applies, with the addition that it is mandatory to support at least one of items 13 or 14.

Insert the following text at the end of Table 1-1:

The SAAL shall use the assured mode of transfer (see ITU-T Recommendation Q.2110 [26]). Unacknowledged mode may only be used with bilateral agreement.

Clause 5

The title of section 5 should be renamed to "References".

Insert the following text under clause 5 heading:

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

Insert the following extra references at the end of the reference list in section 5:

- | | |
|------|--|
| [25] | CCITT Recommendation I.130 (1988): "Method for the characterization of telecommunication services supported by an ISDN and network capabilities of an ISDN". |
| [26] | ITU-T Recommendation Q.2110: "B-ISDN Signalling ATM adaptation layer - SSCOP". |

History

Document history		
V1.1.1	July 2000	One-step Approval Procedure OAP 20001124: 2000-07-26 to 2000-11-24
V1.1.1	December 2000	Publication