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Privzem signalizacijske specifikacije medomrežnega vmesnika ATM (AINI) pri ETSI [specifikacija medomrežnega vmesnika ATM (AINI) ATM Forum F-CS-0125.000 (1999), spremenjena]

ETSI endorsement of ATM Inter-Network Interface (AINI) signalling specification [ATM Forum Specification ATM Inter-Network Interface (AINI) F-CS-0125.000 (1999), modified]

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ETSI endorsement of ATM Inter-Network Interface (AINI) signalling specification

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

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Foreword

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

NOTE: It was originally foreseen to develop a testing specification that would have been a part 2 to the present document. It has been decided to stop this work and, as a result, the present document has been renumbered from EN 301 814-1 to EN 301 814.

National transposition dates	
Date of adoption of this EN:	26 April 2002
Date of latest announcement of this EN (doa):	31 July 2002
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 January 2003
Date of withdrawal of any conflicting National Standard (dow):	31 January 2003

Endorsement notice

The elements of ATM-Forum specification "ATM Inter-Network Interface (AINI) AF-CS-0125.000 (1999)" apply as modified below. Additional ATM signalling capability endorsements are annexed to this document.

Clause 1.1

Replace text in clause "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 clause 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 clause 5:

[25] ITU-T 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 ATM adaptation layer - Service specific connection oriented protocol (SSCOP)".

Annex A (normative): UBR with MDCR

Endorsement notice for *Unspecified Bit Rate with Minimum Desired Cell Rate signalling specification*

The elements of ATM-Forum specification "UBR with MDCR Addendum to UNI Signalling 4.0, PNNI 1.0 and AINI AF-CS-0147.000 (2000-07)", apply with the following modifications:

Clause 1

The existing clause 1.1 is deleted. Clauses 1.2 and 1.3 are removed to informative annexes as detailed below. Clause 1 is then renamed 'Scope' and contains new text as follows:

The present document specifies the stage three (see [I.130]), which describes the additional routing information, signalling information elements, and additional routing and signalling procedures required to support Unspecified Bit Rate (UBR) with Minimum Desired Cell Rate (MDCR), as defined in [TM-MDCR]. It should be noted that, [TM-MDCR] defines UBR with MDCR, as an optional extension to the UBR service category. The present document is based on the AINI [AINI] specification and specifies signalling for the support of UBR with MDCR across the AINI interface. UBR with MDCR is an optional feature of AINI. A device supporting the UBR with MDCR feature shall implement these procedures for point-to-point calls/connections, and shall implement these procedures for point-to-multipoint calls/connections if point-to-multipoint calls/connections are supported. A device shall support the UBR with MDCR procedures for all supported connection types (SVCCs, soft PVCCs, SVPCs, or soft PVPCs). A switch supporting the UBR with MDCR feature at the AINI shall be capable of forwarding the MDCR information element. A switch supporting the UBR with MDCR feature at the AINI may also be capable of generating a network-generated MDCR information element.

Clause 1.2

Because the contents of this clause are informative, it is removed to a new informative annex E1 entitled "Overview of UBR with MDCR procedures".

Clause 1.3

Because the contents of this clause are informative, it is removed to a new informative annex E2 entitled 'MDCR Scenarios'.

Clause 2

The title of clause 2.2 should be renamed to 'Normative References and Acronyms'.

Clause 2.2

The title of clause 2.2 should be renamed to 'Normative References'.

Insert the following text under clause 2.2 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 clause 2.2:

ITU-T Recommendation I.130 (1988): "Method for the characterization of telecommunication services supported by an ISDN and network capabilities of an ISDN".

Clause 4

This clause is not applicable in the context of the present document.

Clause 5

This clause is not applicable in the context of the present document.

Annex A

This annex is not applicable in the context of the present document.

Annex B

This annex is not applicable in the context of the present document.

Annex D

This annex is not applicable in the context of the present document.