



SLOVENSKI STANDARD SIST ETS 300 479-2 E1:2003

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Ca fYyb]j]X]]fB5LÈBYdcj YnUj bUý]fc_cdUgcj bUdcXUh_cj bUgfcf]Hj`f7 6 8 GLn
Ug]b\ fcb]a`dfYbcgb]a`bU]bca`f5 HA LÈ GdYWZ UMUdfcfc_c`UbUj a Ygb]_i
ca fYybY[Uj cn]ý UfBBLÈ&`XY. Dfcfc_c`bYdcj YnUj bY[Uca fYybY[Uj a Ygb]_U
f7 @B-LÈ-nUj Uc`g`UXbcgh]nj YXVYdfcfc_c`UfD7 GLÈDfcZfa UgdYWZ UMU

Network Aspects (NA); Connectionless Broadband Data Service (CBDS) over Asynchronous Transfer Mode (ATM); Protocol specification at the Network Node Interface (NNI) specification; Part 2: Connectionless Network Interface Protocol (CLNIP) Protocol Implementation Conformance Statement (PICS) proforma specification

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**Network Aspects (NA);
Connectionless Broadband Data Service (CBDS)
over Asynchronous Transfer Mode (ATM);
Protocol specification at the Network Node Interface (NNI);
Part 2: Connectionless Network Interface Protocol (CLNIP)
Protocol Implementation Conformance Statement (PICS)
proforma specification**

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Network Aspects (NA) Technical Committee of the European Telecommunications Standards Institute (ETSI).

The present document is part 2 of a multi-part ETS covering the protocol specification at the Network Node Interface (NNI), for the Connectionless Broadband Data Service (CBDS) over Asynchronous Transfer Mode (ATM), as identified below:

Part 1: "Specification";

Part 2: "**Connectionless Network Interface Protocol (CLNIP) Protocol Implementation Conformance Statement (PICS) proforma specification**".

Transposition dates	
Date of adoption of this ETS:	6 February 1998
Date of latest announcement of this ETS (doa):	31 May 1998
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	30 November 1998
Date of withdrawal of any conflicting National Standard (dow):	30 November 1998

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To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a telecommunication specification. Such a statement is called an Implementation Conformance Statement (ICS).

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1 Scope

This second part of ETS 300 479 provides the Implementation Conformance Statement (ICS) proforma for the Connectionless Network Interface Protocol (CLNIP) defined in the first part of ETS 300 479-1 [1] in compliance with the relevant requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-7 [4] and ETS 300 406 [2].

2 Normative references

This part of ETS incorporates by dated and 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 part of ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 479-1 (1995): "Network Aspects (NA); Connectionless Broadband Data Service (CBDS) over Asynchronous Transfer Mode (ATM); Protocol specification at the Network Node Interface (NNI); Part 1: Specification".
- [2] ETS 300 406 (1995): "Methods for testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".
- [3] ISO/IEC 9646-1 (1995): "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- [4] ISO/IEC 9646-7 (1995): "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".
- [5] ETS 300 478-1: "Network Aspects (NA); Connectionless Broadband Data Service (CBDS) over Asynchronous Transfer Mode (ATM); Framework and protocol specification at the User-Network Interface (UNI); Part 1: Specification".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of this part of ETS, the following definitions apply:

- terms defined in ETS 300 479-1 [1];
- terms defined in ISO/IEC 9646-1 [3] and in ISO/IEC 9646-7 [4].

In particular, the following terms defined in ISO/IEC 9646-1 [3] apply:

Implementation Conformance Statement (ICS): A statement made by the supplier of an implementation or system claimed to conform to a given specification, stating which capabilities have been implemented. The ICS can take several forms: protocol ICS, profile ICS, profile specific ICS, information object ICS, etc.

ICS proforma: A document, in the form of a questionnaire, which when completed for an implementation or system becomes an ICS.

Protocol ICS (PICS): An ICS for an implementation or system claimed to conform to a given protocol specification.

3.2 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

CLNIP	Connectionless Network Interface Protocol
ICS	Implementation Conformance Statement
IUT	Implementation Under Test
PDU	Protocol Data Unit
PICS	Protocol Implementation Conformance Statement
SCS	System Conformance Statement
SUT	System Under Test

4 Conformance to this ICS proforma specification

If it claims to conform to this ETS, the actual ICS proforma to be filled in by a supplier shall be technically equivalent to the text of the ICS proforma in annex A, and shall preserve the numbering/naming and ordering of the proforma items.

An ICS which conforms to this ETS shall be a conforming ICS proforma completed in accordance with the instructions for completion given in clause A.1.

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Annex A (normative): PICS proforma for ETS 300 479

Notwithstanding the provisions of the copyright clause related to the text of this ETS, ETSI grants that users of this ETS may freely reproduce the PICS proforma in this annex so that it can be used for its intended purpose and may further publish the completed PICS.

A.1 Guidance for completing the PICS proforma**A.1.1 Purposes and structure**

The purpose of this PICS proforma is to provide a mechanism whereby a supplier of an implementation of the requirements defined in 300 479-1 [1] may provide information about the implementation in a standardized manner.

The PICS proforma is subdivided into subclauses for the following categories of information:

- instructions for completing the ICS proforma;
- identification of the implementation;
- identification of the protocol;
- global statement of conformance;
- ICS proforma tables.

A.1.2 Abbreviations and conventions

The PICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7 [4].

Item column

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It contains a number which identifies the item in the table.

Item description column

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It describes in free text each respective item (e.g. parameters, timers, etc.). It implicitly means "is <item description> supported by the implementation?".

Status column

The following notations, defined in ISO/IEC 9646-7 [4], are used for the status column:

m	mandatory - the capability is required to be supported;
o	optional - the capability may be supported or not;
n/a	not applicable - in the given context, it is impossible to use the capability;
x	prohibited (excluded) - there is a requirement not to use this capability in the given context;
o.i	qualified optional - for mutually exclusive or selectable options from a set. "i" is an integer which identifies an unique group of related optional items and the logic of their selection which is defined immediately following the table;
ci	conditional - the requirement on the capability ("m", "o", "x" or "n/a") depends on the support of other optional or conditional items. "i" is an integer identifying an unique conditional status expression which is defined immediately following the table.