# SLOVENSKI STANDARD
# SIST ETS 300 476-5:1999

**01-maj-1999**

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**Digitalne izboljġane brezvrviļ ne telekomunikacije (DECT) - Skupni vmesnik (CI) - Proforma izjave o skladnosti izvedbe protokola (PICS) - 5. del: Plast krmiljenja podatkovnih povezav (DLC) - fiksna radijska zaključ itev (FT)**

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 5: Data Link Control (DLC) layer - Fixed radio Termination (FT)



**Ta slovenski standard je istoveten z:** **ETS 300 476-5 Edition 1**

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**ICS:**

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| 33.070.30 | Digitalne izboljġane brezvrviļ ne telekomunikacije (DECT) | Digital Enhanced Cordless Telecommunications (DECT) |

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# Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 5: Data Link Control (DLC) layer - Fixed radio Termination (FT)



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## Foreword

This European Telecommunication Standard (ETS) has been produced by the Radio Equipment and Systems (RES) Technical Committee of the European Telecommunications Standards Institute (ETSI).

The DECT Common interface Protocol Implementation Conformance Statement (PICS) proforma standard comprises seven parts as follows:

Part 1: "Network (NWK) layer - Portable radio Termination (PT)";

Part 2: "Data Link Control (DLC) layer - Portable radio Termination (PT)";

Part 3: "Medium Access Control (MAC) layer - Portable radio Termination (PT)";

Part 4: "Network (NWK) layer - Fixed radio Termination (FT)";

**Part 5: "Data Link Control (DLC) layer - Fixed radio Termination (FT)";**

Part 6: "Medium Access Control (MAC) layer - Fixed radio Termination (FT)";

Part 7: "Physical layer".

Annex A of this specification contains the PICS proforma for the FT data link control layer.

| Transposition dates | |
|---|---|
| Date of adoption of this ETS: | 16 August 1996 |
| Date of latest announcement of this ETS (doa): | 30 November 1996 |
| Date of latest publication of new National Standard or endorsement of this ETS (dop/e): | 31 May 1997 |
| Date of withdrawal of any conflicting National Standard (dow): | 31 May 1997 |

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# 1 Scope

This European Telecommunication Standard (ETS) provides the Protocol Implementation Conformance Statement (PICS) proforma for the Digital Enhanced Cordless Telecommunications Data Link Control layer at the Fixed Termination as defined in ETS 300 175 Part 4 [4] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [14].

The supplier of an implementation which is claimed to conform to ETS 300 175 Part 4 [4] is required to complete a copy of the PICS proforma provided in the annex A of this standard.

# 2 Normative references

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

[1] ETS 300 175-1: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 1: Overview".

[2] ETS 300 175-2: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer".

[3] ETS 300 175-3: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer".

[4] ETS 300 175-4: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer".

[5] ETS 300 175-5: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer".

[6] ETS 300 175-6: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing".

[7] ETS 300 175-7: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features".

[8] ETS 300 175-8: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech coding and transmission".

[9] ETS 300 175-9: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 9: Public Access Profile (PAP)".

[10] ETS 300 406 (1995): "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".

[11] ISO/IEC 9646-1 (1995): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".

[12] ISO/IEC 9646-7 (1995): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".

# 3 Definitions and abbreviations

## 3.1 Definitions

For the purposes of this ETS, the following terms and definitions apply:

- terms defined in ETS 300 175-1 [1]
- terms defined in ISO/IEC 9646-1 [11] and in ISO/IEC 9646-7 [12].

In particular, the following terms defined in ISO/IEC 9646-1 [11] 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):** A PICS for an implementation or system claimed to conform to a given protocol specification.

## 3.2 Abbreviations

For the purposes of this ETS, the abbreviations defined in ISO/IEC 9646-1 [11], the data link control layer abbreviations defined in ETS 300 175-4 [4], and the following abbreviations apply.



| | |
|---|---|
| ICS | Implementation Conformance Statement |
| IUT | Implementation Under Test |
| PICS | Protocol Implementation Conformance Statement |
| SCS | System Conformance Statement |
| SUT | System Under Test |



# 4 Conformance requirement to this PICS specification

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

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

# Annex A (normative): PICS proforma for DECT DLC FT



## A.1 Introduction 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 portable termination specific data link control layer requirements of ETS 300 175-4 [4]: DECT Data link control layer 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 PICS proforma;
- identification of the implementation;
- identification of the ETS 300 175-4 [4]: DECT Data link control layer;
- PICS proforma tables;
  - global statement of conformance;
  - functional groups and procedures;
  - timers and protocol parameters;
  - messages;
  - information elements;
  - protocol error handling.



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 [12].



**Item column**



The item column contains a number which identifies the item in the table.



**Item description column**

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