# SLOVENSKI STANDARD
# SIST ETS 300 237 E1:2005

**01-maj-2005**

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**Zasebno telekomunikacijsko omrežje (PTN) – Specifikacija, funkcijski modeli in informacijski pretoki - Dopolnilna storitev: razpoznavanje imena**

Private Telecommunication Network (PTN); Specification, functional models and information flows; Name identification supplementary service

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**Ta slovenski standard je istoveten z: ETS 300 237 Edition 1**

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**ICS:**

33.040.35 Telefonska omrežja Telephone networks

**SIST ETS 300 237 E1:2005** **en**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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# EUROPEAN TELECOMMUNICATION STANDARD

**ETS 300 237**

**June 1993**

Source: ETSI TC-ECMA

Reference: DE/ECMA-0005

ICS: 33.080

**Key words:** PTN, NISD, ECMA-163

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## Foreword

This European Telecommunication Standard (ETS) has been produced by the European Computer Manufacturers Association (ECMA) on behalf of its members and those of the European Telecommunications Standards Institute (ETSI).

This ETS is one of a series of Standards defining supplementary services applicable to Private Telecommunication Networks (PTNs) incorporating one or more interconnected exchanges. This particular ETS deals with Calling Name Identification Presentation (SS-CNIP), Connected Name Identification Presentation (SS-CONP) and Calling/Connected Name Identification Restriction (SS-CNIR).

This ETS was produced by ECMA using the ECMA guidelines for the production of ETSs and using the ECMA stylesheet. In order to avoid undue delays in the publication of this ETS, it has been agreed that this ETS will not be converted to the ETSI stylesheet.

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# 1 Scope

This Standard specifies the supplementary services Calling Name Identification Presentation (SS-CNIP), Connected Name Identification Presentation (SS-CONP) and Calling/Connected Name Identification Restriction (SS-CNIR), which are applicable to various basic services supported by Private Telecommunication Networks (PTNs). Basic services are specified in ETS 300 171.

Calling Name Identification Presentation (SS-CNIP) is a supplementary service which is offered to the called user and which provides the name of the calling user (calling party name) to the called user.

Connected Name Identification Presentation (SS-CONP) is a supplementary service which is offered to the calling user and which provides to the calling user the following:

- the name of the user who answers the call (connected party name),
- optionally the name of the alerting user (called party name),
- optionally the name of the called user who cannot be reached (busy party name).

Calling/connected Name Identification Restriction (SS-CNIR) is a supplementary service which is offered to a user to restrict presentation of that user's name to another user.

Provision of a user's name to the PTN is outside the scope of this Standard.

Service specifications are produced in three stages, according to the method described in ENV 41005.

This Standard contains the stage 1 and 2 specifications of the Name Identification supplementary services. The stage 1 specifications specify the supplementary services as seen by users of PTNs. The stage 2 specifications identify the functional entities involved in the supplementary services and the information flows between them.

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# 2 Conformance

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A stage 3 Standard shall be in conformance with this Standard if the signalling protocols and equipment behaviour specified in the stage 3 Standard are capable of being used in a PTN which supports the supplementary service specified in this Standard. This means that a stage 3 Standard shall be adequate for the support of those aspects of the stage 1 and stage 2 clauses for that supplementary service which are relevant to the interface or equipment to which the stage 3 Standard applies.

The stage 1 and stage 2 clauses which a stage 3 Standard for the Calling Name Identification Presentation supplementary service shall support are clauses 6 and 9 respectively.

The stage 1 and stage 2 clauses which a stage 3 Standard for the Connected Name Identification Presentation supplementary service shall support are clauses 7 and 10 respectively.

The stage 1 and stage 2 clauses which a stage 3 Standard for the Calling/Connected Name Identification Restriction supplementary service shall support are clauses 8 and 11 respectively.

# 3 References

| | |
|---|---|
| ENV 41005 (1990) | Method for the Specification of Basic and Supplementary Services of Private Telecommunication Networks |
| ENV 41007 (1989) | Definitions of Terms in Private Telecommunication Networks |
| ETS 300 171 (1992) | Private Telecommunication Networks (PTN) - Specification, Functional Model and Information Flows - Control Aspects of Circuit Mode Basic Services |
| ISO 8859-1 (1987) | Information processing - 8-bit single-byte coded graphic character sets - Part 1: Latin alphabet No. 1 |

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| | |
|---|---|
| CCITT Rec. I.112 (1988) | Vocabulary of terms for ISDNs |
| CCITT Rec. I.210 (1988) | Principles of telecommunication services supported by an ISDN and the means to describe them |
| CCITT Rec. T.61 (1988) | Character repertoire and coded character sets for the international teletex service |
| CCITT Rec. Z.100 (1988) | Specification and description language |

## 4 Definitions

For the purpose of this Standard the following definitions apply.

### 4.1 External Definitions

This Standard uses the following terms defined in other documents:

| | |
|---|---|
| - Basic Service | (CCITT Rec. I.210) |
| - Connection | (CCITT Rec. I.112) |
| - Integrated Services Digital Networks | (CCITT Rec. I.112) |
| - Private | (ENV 41007) |
| - Private Telecommunication Network Exchange | (ENV 41007) |
| - Public | (ENV 41007) |
| - Public ISDN | (ENV 41007) |
| - Service | (CCITT Rec. I.112) |
| - Signalling | (CCITT Rec. I.112) |
| - Supplementary Service | (CCITT Rec. I.210) |
| - Telecommunication Network | (ENV 41007) |
| - Terminal, Terminal equipment | (ENV 41007) |
| - User | (ETS 300 171) |

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This Standard refers to the following basic call functional entities defined in ETS 300 171:

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- Call Control
- Call Control Agent

This Standard refers to the following basic call inter-FE relationships defined in ETS 300 171:

- r1
- r2

This Standard refers to the following basic call information flows defined in ETS 300 171:

- DISCONNECT request/indication
- REPORT request/indication
- RELEASE request/indication
- SETUP request/indication
- SETUP response/confirmation
- SETUP REJECT request/indication

### 4.2 Additional Network Feature

A capability, over and above that of a basic service, provided by a PTN, but not directly to a PTN user.

### 4.3 Application Identifier

Manufacturer specific information that can accompany a name and imply the structure of the name (see annex A).

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### 4.4 Busy

An ISDN destination is considered to be busy if either a "network determined user busy" or a "user determined user busy" conditions occurs.

### 4.5 Busy party name

The name of the called user who cannot be reached because of a busy condition.

### 4.6 Call, Basic Call

An instance of the use of a basic service.

### 4.7 Calling party name

The name of the calling user.

### 4.8 Connected party name

The name of the user who answers the call.

### 4.9 Called party name

The name of the alerting user.

### 4.10 Name

A string of maximum 50 characters which is used for the name identification of the PTN user of a call.

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NOTE 1 The structure and content of a name are defined in annex A.

## 5 List of acronyms

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| | |
|---|---|
| CC | Call Control (functional entity) |
| CCA | Call Control Agent (functional entity) |
| CONP | Connected Name Identification Presentation |
| CNIP | Calling Name Identification Presentation |
| CNIR | Calling/Connected Name Identification Restriction |
| FE | Functional Entity |
| ISDN | Integrated Services Digital Network |
| PTN | Private Telecommunication Network |
| PTNX | Private Telecommunication Network Exchange |
| SDL | Specification and Description Language |
| SS-CONP | Connected Name Identification Presentation supplementary service |
| SS-CNIP | Calling Name Identification Presentation supplementary service |
| SS-CNIR | Calling/Connected Name Identification Restriction supplementary service |
| TE | Terminal Equipment |

## 6 SS-CNIP Stage 1 Description

### 6.1 Description

#### 6.1.1 General Description

Calling Name Identification Presentation (SS-CNIP) is a supplementary service which is offered to the called user and which provides the name of the calling user (calling party name) to the called user.

The PTN provides the calling party name to the called user when an incoming call is presented.

The possible provision of the calling party name by the calling user to the PTN is outside the scope of this Standard.