



# SLOVENSKI STANDARD SIST ETS 300 367 E1:2003

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**Digitalno omrežje z integriranimi storitvami (ISDN) – Dopolnilna storitev:  
nedvoumna predaja klica (ECT) – Opis storitve**

Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service; Service description

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33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)
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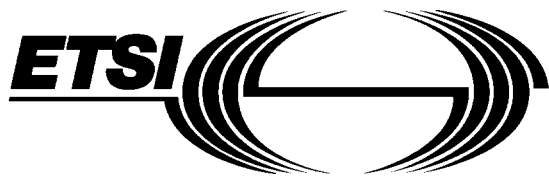
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**ETSI**

European Telecommunications Standards Institute

**ETSI Secretariat**

**Postal address:** F-06921 Sophia Antipolis CEDEX - FRANCE

**Office address:** 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE

**X.400:** c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

Tel.: +33 92 94 42 00 - Fax: +33 93 65 47 16

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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).

In accordance with CCITT Recommendation I.130 [1], the following three level structure is used to describe the supplementary telecommunications services as provided by European public telecommunications operators under the pan-European Integrated Services Digital Network (ISDN):

- Stage 1: is an overall service description, from the user's standpoint;
- Stage 2: identifies the functional capabilities and information flows needed to support the service described in stage 1; and
- Stage 3: defines the signalling system protocols and switching functions needed to implement the service described in stage 1.

This ETS details the stage 1 aspects (overall service description) for the Explicit Call Transfer (ECT) supplementary service. The stage 2 aspects are detailed in ETS 300 368 (1995) and the stage 3 aspects are detailed in ETS 300 369-1 (1995) and ETS 300 356-14 (1995).

<b>Proposed transposition dates</b>	
Date of latest announcement of this ETS (doa):	31 August 1995
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## 1 Scope

This standard defines the stage one of the Explicit Call Transfer (ECT) supplementary service for the pan-European Integrated Services Digital Network (ISDN) as provided by European public telecommunications operators. Stage one is an overall service description from the user's point of view (see CCITT Recommendation I.130 [1]), but does not deal with the details of the human interface itself.

This standard defines the interworking requirements of private ISDNs with the public ISDN.

In addition this standard specifies the base functionality where the service is provided to the user via a private ISDN.

This standard does not specify the additional requirements where the service is provided to the user via a telecommunications network that is not an ISDN but does include interworking requirements of other networks with the public ISDN.

Interactions with supplementary services not listed in clause 8 are outside the scope of this standard.

Charging principles are outside the scope of this standard.

The ECT supplementary service enables a user who has two calls, each of which can be an incoming call or an outgoing call, to connect together the other users in the two calls, into one call.

The ECT supplementary service is applicable to all circuit-switched basic telecommunication services.

This standard is applicable to the stage two and stage three standards for the ISDN ECT supplementary service. The terms "stage two" and "stage three" are also defined in CCITT Recommendation I.130 [1]. Where the text indicates the status of a requirement, (i.e. as strict command or prohibition, as authorisation leaving freedom, as a capability or possibility), this shall be reflected in the text of the relevant stage two and stage three standards.

Furthermore, conformance to this standard is met by conforming to the stage three standards with the field of application appropriate to the equipment being implemented. Therefore no method of testing is provided for this standard.

## 2 Normative references

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

- [1] CCITT Recommendation I.130 (1988): "Method for the characterisation of telecommunication services supported by an ISDN and network capabilities of an ISDN".
- [2] ITU-T Recommendation I.112 (1993): "Vocabulary of terms for ISDNs".
- [3] CCITT Recommendation E.164 (1991): "Numbering plan for the ISDN era".
- [4] ITU-T Recommendation I.210 (1993): "Principles of telecommunication services supported by an ISDN and the means to describe them".
- [5] ETS 300 345: "Integrated Services Digital Network (ISDN); Interworking between public ISDNs and private ISDNs for the provision of telecommunication services; General aspects".

### 3 Definitions

For the purposes of this standard, the following definitions apply:

**Integrated Services Digital Network (ISDN):** see ITU-T Recommendation I.112 [2], § 2.3, definition 308.

**Service; telecommunication service:** see ITU-T Recommendation I.112 [2], § 2.2, definition 201.

**Supplementary service:** see ITU-T Recommendation I.210 [4], § 2.4.

**ISDN number:** a number conforming to the numbering plan and structure specified in CCITT Recommendation E.164 [3].

**User A:** the user to whom the ECT supplementary service is provided.

**User B:** the other user in one of user A's calls. By convention, in this standard, it is considered that the connection has been established on this call.

**User C:** the other user in another of user A's calls.

**Network operator:** the entity which provides the network operating elements and resources for the execution of the ECT supplementary service.

**Service provider:** the entity which offers subscription to the ECT supplementary service. The network operator may be the service provider.

**Basic access:** see ITU-T Recommendation I.112 [2], § 2.4, definition 425.

**Primary rate access:** see ITU-T Recommendation I.112 [2], § 2.4, definition 426.

**Subaddress:** see CCITT Recommendation E.164 [3], § 12.2.

**Held call:** a call on which the call hold supplementary service is currently in operation.

**Active call:** a call on which the call hold supplementary service is not currently in operation.

NOTE: In other contexts, an active call is a call on which the connection has already been established. This is not the usage of this term for this standard.

### 4 Symbols and abbreviations

ECT	Explicit Call Transfer
ISDN	Integrated Services Digital Network

## 5 Description

The ECT supplementary service enables a user (user A) to transform two of that user's calls (an active call and a held call), each of which can be an incoming call or an outgoing call, into a new call between user B and user C.

NOTE 1: Details of the management of active calls and held calls are given in annex A.

Prior to transfer, the connection shall have been established on the call between user A and user B. On the call between user A and user C, either the connection shall have been established prior to transfer, or, as a service provider option, transfer can occur while user C is being informed of the call (i.e. the connection has not yet been established).

NOTE 2: Service providers may reject a request for the ECT supplementary service depending on criteria outside the scope of this standard (e.g. for operational reasons under certain circumstances). The associated procedures are outside the scope of this standard.

The ECT supplementary service can be available to users who are connected to the network via a basic access or a primary rate access.

## 6 Procedures

### 6.1 Provision and withdrawal

The ECT supplementary service shall be provided to the user after prior arrangement with the service provider.

The ECT supplementary service shall be withdrawn by the service provider upon request of the subscriber or for service provider reasons. (standards.iteh.ai)

### 6.2 Normal procedures SIST ETS 300 367 E1:2003

#### 6.2.1 Activation, deactivation and registration https://standards.iteh.ai/catalog/standards/sist/551a6d98-899f-43a7-9e3a-9c2fabcc0a02/sist-ets-300-367-e1-2003

Not applicable.

#### 6.2.2 Erasure

Not applicable.

#### 6.2.3 Invocation and operation

User A, who has two calls (one with user B and one with user C), each of which can be an incoming call or an outgoing call, can request the invocation of the ECT supplementary service with respect to the two calls.

NOTE 1: It is the responsibility of user A to ensure that the two calls are compatible.

NOTE 2: It is not relevant which call (between user A and user B or between user A and user C) is a held call when the ECT supplementary service is invoked. For example, if user A has a call on which the connection has been established, user A can put that call on hold (by means of the call hold supplementary service) and then set up a second call. After that, user A can switch between the two calls as appropriate (see annex A).

The connection shall have been established on one of the calls (referred to as the call between user A and user B).