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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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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Network Aspects (NA).

In accordance with CCITT Recommendation I.130, 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.

The present document is the second version of 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 EN 300 369-1 and EN 300 356-14. Whilst there are some editorial changes, the present document contains functionality that is additional to that defined in the previous edition of the present document. The additional functionality relates to a service provider option removing the requirement that one of the calls to be transferred is on hold.

National transposition dates

Date of adoption of this EN:	9 October 1998
Date of latest announcement of this EN (doa):	31 January 1999
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 July 1999
Date of withdrawal of any conflicting National Standard (dow):	31 July 1999

1 Scope

The present document 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.

The present document defines the interworking requirements of private ISDNs with the public ISDN.

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

The present document 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 the present document.

Charging principles are outside the scope of the present document.

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.

The present document 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 authorization 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 the present document 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 the present document.

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2 Normatives references

References may be made to:

- a) specific versions of publications (identified by date of publication, edition number, version number, etc.), in which case, subsequent revisions to the referenced document do not apply; or
- b) all versions up to and including the identified version (identified by "up to and including" before the version identity); or
- c) all versions subsequent to and including the identified version (identified by "onwards" following the version identity); or
- d) publications without mention of a specific version, in which case the latest version applies.

A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

- [1] CCITT Recommendation I.130 (1988): "Method for the characterization 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] ITU-T Recommendation E.164 (1997): "The international public telecommunication numbering plan".
- [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 and abbreviations

3.1 Definitions

For the purposes of the present document, the following definitions apply:

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

service; telecommunication service: See ITU-T Recommendation I.112 [2], subclause 2.2, definition 201.

supplementary service: See ITU-T Recommendation I.210 [4], subclause 2.4.

ISDN number: A number conforming to the numbering plan and structure specified in ITU-T 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 the present document, 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], subclause 2.4, definition 425.

primary rate access: See ITU-T Recommendation I.112 [2], subclause 2.4, definition 426.

subaddress: See ITU-T Recommendation E.164 [3], subclause 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 the present document.

3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

ECT	Explicit Call Transfer
ISDN	Integrated Services Digital Network