



SLOVENSKI STANDARD

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8 [[]HJbc`ca fYy`Y`n`]bhY[f]fUb]a]g'g'cf]hj Ua]f'f'g'g'BL`E`8 cdc`b]`bUg'g'cf]Hj .`ca Y`f]Hj
]XYbh]Z_ U]Y`ffUndc`nbUj Ub`U`_] c Y[Udf]`_`f`_Uf`@F`L`E`Cd]g'g'cf]hj Y

Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Service description

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Services and Protocols for Advanced Networks (SPAN).

In accordance with ITU-T 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.

The present document details the stage 1 aspects (overall service description) for the Calling Line Identification Restriction (CLIR) supplementary service. The stage 2 and stage 3 aspects are detailed in ETS 300 091 and ETS 300 093, respectively.

This second version includes changes for dealing with support of the new CLI APRI value "presentation restricted by network".

National transposition dates	
Date of adoption of this EN:	1 December 2000
Date of latest announcement of this EN (doa):	31 March 2001
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 September 2001
Date of withdrawal of any conflicting National Standard (dow):	30 September 2001

1 Scope

The present document defines the stage one of the Calling Line Identification Restriction (CLIR) 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 ITU-T 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 CLIR supplementary service enables the calling party to prevent presentation of its ISDN number to the called party.

The CLIR supplementary service is applicable to all telecommunications services.

The present document is applicable to the stage two and stage three standards for the ISDN CLIR supplementary service. The terms "stage two" and "stage three" are also defined in ITU-T 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 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, 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] ITU-T 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] ETSI EN 300 089: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP); Service description".
- [6] ITU-T Recommendation Q.9 (1988): "Vocabulary of switching and signalling terms".
- [7] ETSI EN 301 798: "Service and Protocols for Advanced Networks (SPAN); Anonymous Call Rejection (ACR) Supplementary Service; Service description".

3 Definitions

For the purposes of the present document, the following terms and definitions apply.

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

service; telecommunications 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: number conforming to the numbering plan and structure specified in ITU-T Recommendation E.164 [3].

subaddress: see ITU-T Recommendation E.164 [3], subclause 11.2.

temporary mode: in this mode, the CLIR supplementary service is invoked on a per call basis.

permanent mode: in this mode, the CLIR supplementary service is invoked automatically by the network on all calls originated by the calling user.

override category: this allows a special category of users (e.g. police) to override the CLIR supplementary service in order to receive the calling line identity. This is a national matter, the operation of which is beyond the scope of the present document.

basic access: see ITU-T Recommendation Q.9 [6], clause 1, definition 1551.

primary rate access: see ITU-T Recommendation Q.9 [6], clause 1, definition 1552.

4 Abbreviations

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

ACR	Anonymous Call Rejection
CLIP	Calling Line Identification Presentation
CLIR	Calling Line Identification Restriction
ISDN	Integrated Services Digital Network

5 Description

The CLIR supplementary service shall apply to the basic access and to the primary rate access.

The CLIR supplementary service is a supplementary service offered to the calling party to prevent presentation of the calling party's ISDN number, and subaddress information (if any), to the called party. In the case where the called party has an override category, see subclause 6.2.3.