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Digitalno omrežje z integriranimi storitvami (ISDN) – Dopolnilna storitev: fiksna zapora odhodnega klica (OCB-F) – Opis storitve

Integrated Services Digital Network (ISDN); Outgoing Call Barring-Fixed (OCB-F) 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).

National transposition dates	
Date of adoption of this EN:	19 May 2000
Date of latest announcement of this EN (doa):	31 August 2000
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	28 February 2001
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1 Scope

The present document defines the stage one of the Outgoing Call Barring-Fixed (OCB-F) supplementary service for the pan-European Integrated Services Digital Network (ISDN) as provided by European telecommunication 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 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 7 and other 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 OCB-F supplementary service enables calls belonging to certain types to be rejected when they are originated by the served user. The served user's ability to receive incoming calls is unaffected by the OCB-F supplementary service. The OCB-F supplementary service operates according to the requirements specified by the user on provision and it cannot be activated or deactivated under the control of the user.

NOTE: Barring of certain types of calls by the network provider due to national legislation's, regulations or for any other reason, are out of the scope of this service.

The OCB-F supplementary service is applicable to all circuit-switched telecommunication services.

The present document is applicable to the stage two and stage three standards for the ISDN OCB-F 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, or 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.

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] 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 telecommunications 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 ETS 300 345 (1995): "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 terms and definitions apply:

(basic) service; telecommunications service: see ITU-T Recommendation I.112 [2], subclause 2.2, definition 201

barring program: selection of type of calls to which the calls can be barred. This selection can possibly relate to, or be complemented by, number ranges and/or prefixes

basic access: see ITU-T Recommendation I.112 [2], subclause 2.4, definition 425

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

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

network operator: entity which provides the network operating elements and resources for the execution of the OCB-F supplementary service

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

served user: the user to whom the OCB-F supplementary service is provided

service provider: entity which offers the OCB-F supplementary service subscription. The network operator may be the service provider

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

3.2 Abbreviations

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

CCBS	Completion of Calls to Busy Subscriber
CCNR	Completion of Calls on No Reply
ISDN	Integrated Services Digital Network
OCB-F	Outgoing Call Barring-Fixed
OCB-UC	Outgoing Call Barring-User Controlled

4 Description

The OCB-F supplementary service shall be available to users who are connected to the network via the basic access or the primary rate access.

The OCB-F supplementary service enables calls belonging to certain types to be rejected when they are originated by the served user. The served user's ability to receive incoming calls is unaffected by the OCB-F supplementary service.