



SLOVENSKI STANDARD

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Digitalno omrežje z integriranimi storitvami (ISDN) – Dopolnilna storitev: uporabniško krmiljena zapora odhodnega klica (OCB-UC) – Opis storitve

Integrated Services Digital Network (ISDN); Outgoing Call Barring-User Controlled (OCB-UC) supplementary service; Service description

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Digitalno omrežje z
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(ISDN)

Integrated Services Digital
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European Standard (Telecommunications series)

Integrated Services Digital Network (ISDN); Outgoing Call Barring-User Controlled (OCB-UC) supplementary service; Service description

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Contents

Intellectual Property Rights.....	5
Foreword	5
1 Scope.....	6
2 References.....	6
3 Definitions and abbreviations	7
3.1 Definitions	7
3.2 Abbreviations.....	7
4 Description.....	8
5 Procedures.....	8
5.1 Provision and withdrawal.....	8
5.2 Normal procedures.....	9
5.2.1 Registration and erasure.....	9
5.2.2 Activation and deactivation.....	9
5.2.2.1 Activation	9
5.2.2.2 Deactivation.....	10
5.2.3 Invocation and operation.....	10
5.2.4 Disabling	10
5.2.5 Interrogation.....	11
5.3 Exceptional procedures.....	11
5.3.1 Registration and erasure.....	11
5.3.2 Activation and deactivation.....	11
5.3.2.1 Activation	11
5.3.2.2 Deactivation.....	11
5.3.3 Invocation and operation.....	11
5.3.4 Disabling	12
5.3.5 Interrogation.....	12
6 Interworking requirements	12
6.1 Interworking with non-ISDNs.....	12
6.2 Interworking with private networks	12
7 Interaction with ISDN supplementary services.....	12
7.1 Advice of charge.....	12
7.1.1 Advice of charge at call set-up.....	12
7.1.2 Advice of charge during the call	12
7.1.3 Advice of charge at the end of a call	12
7.2 Call waiting.....	13
7.3 Call hold	13
7.4 Explicit call transfer.....	13
7.5 Number identification services	13
7.5.1 Calling line identification presentation.....	13
7.5.2 Calling line identification restriction.....	13
7.5.3 Connected line identification presentation	13
7.5.4 Connected line identification restriction.....	13
7.6 Closed user group	13
7.7 Call completion services	13
7.7.1 Completion of calls to a busy subscriber.....	13
7.7.2 Completion of calls on no reply	13
7.8 Conference services	14
7.8.1 Conference call, add-on.....	14
7.8.2 Conference call, meet-me.....	14
7.9 Direct dialling in	14
7.10 Diversion services.....	14

7.10.1	Call forwarding unconditional.....	14
7.10.2	Call forwarding busy	14
7.10.3	Call forwarding no reply	14
7.10.4	Call deflection	14
7.10.5	Selective call forwarding.....	15
7.11	Freephone	15
7.12	Malicious call identification.....	15
7.13	Multiple subscriber number	15
7.14	Subaddressing	15
7.15	Terminal portability	15
7.16	Three party.....	15
7.17	User-to-user signalling	15
7.18	Call barring services	15
7.18.1	Outgoing call barring-fixed	15
7.18.2	Outgoing call barring-user controlled.....	16
8	Interactions with other services	16
8.1	Universal access number.....	16
8.2	Virtual card calling	16
8.3	Premium rate.....	16
8.4	Televoting.....	16
8.5	Remote control.....	16
	History	17

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<https://standards.iteh.ai/catalog/standards/sist/0e50ea18-8fb7-4ede-a5f7-d4cff041d607/sist-en-301-084-v1-1-1-2005>

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Foreword

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

National transposition dates	
Date of adoption of this EN:	18 September 1998
Date of latest announcement of this EN (doa):	31 december 1998
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 June 1999
Date of withdrawal of any conflicting National Standard (dow):	30 June 1999

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1 Scope

The present document defines the stage one of the OCB-UC supplementary service for the pan-European ISDN as provided by European 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 and other services not listed in clause 9 are outside the scope of the present document.

Charging principles are outside the scope of the present document.

The OCB-UC 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-UC supplementary service. The served user can select the barring program, activate and later deactivate it.

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

The OCB-UC supplementary service is applicable to all circuit-switched telecommunications services.

The present document is applicable to the stage two and stage three standards for the ISDN OCB-UC 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, subsequent revisions do apply.
- 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 (1994): "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:

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

barring program: a selection of type of calls, number ranges or prefixes to which the calls can be barred.

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

disabling: an action taken by the user per call to prevent invocation of the OCB-UC supplementary service.

integrated services digital network: see ITU-T Recommendation I.112 [2], section 2.3, definition 308.

ISDN number: a 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-UC supplementary service.

personal identification number: the PIN is the 4 to 12 position alphanumeric code or password the customer possesses for authentication. This is used to provide authentication of the user with the access device.

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

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

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

supplementary service: see ITU-T Recommendation I.210 [4], section 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
PIN	Personal Identification Number