



SLOVENSKI STANDARD

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8 [[]HJbc`ca fYy`Y`n]bhY[f]fUb]a]g]cf]hj Ua]`f]G8 BŁ!`Dcglcd_]`j Ufcj UbY[UcfcX`U
fG9 HŁ!`Dfclc_c`X][]HJbY`bUfc b]y_Y`g][bU]nUWY`Y`y`h`r`%fB GG%Ł!`%`XY.
GdYWZ_UWY`Udfclc_c`U

Integrated Services Digital Network (ISDN); Security tools (SET) procedures; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification

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**Integrated Services Digital Network (ISDN);
Security tools (SET) procedures;
Digital Subscriber Signalling System No. one (DSS1) protocol;
Part 1: Protocol specification**



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ETSI

Postal address

F-06921 Sophia Antipolis Cedex - FRANCE

Office address

650 Route des Lucioles - Sophia Antipolis
Valbonne - FRANCE
Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16
Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Internet

secretariat@etsi.fr
<http://www.etsi.org>

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Contents

Intellectual Property Rights.....	4
Foreword	4
1 Scope.....	6
2 References.....	6
2.1 Normative references	6
2.2 Informative references	7
3 Definitions.....	7
4 Abbreviations.....	7
5 Description.....	8
6 Operational requirements.....	8
6.1 Provision and withdrawal.....	8
6.2 Requirements on the originating network side.....	8
6.3 Requirements on the destination network side.....	8
7 Coding requirements	9
7.1 Coding of the Facility information element components	9
7.2 Coding of the information elements.....	10
8 State definitions	10
9 Signalling procedures at the coincident S and T reference point	10
9.1 Activation	10
9.2 Deactivation	11
9.3 Registration.....	11
9.3.1 Normal operation	11
9.3.2 Exceptional procedures	12
9.4 Erasure.....	12
9.5 Interrogation	12
9.6 Invocation and operation	13
9.6.1 Normal operation	13
9.6.2 Exceptional procedures	13
9.7 Notification of possible fraudulent use	13
10 Procedures for interworking with private ISDNs	13
11 Interaction with other networks	14
12 Interaction with other supplementary services.....	14
13 Parameter values (timers).....	14
14 Dynamic description (SDL diagrams)	14
Annex A (informative): Signalling flows.....	19
Annex B (informative): Assignment of object identifier values.....	20
History.....	21

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Signalling Protocols and Switching (SPS).

The present document is part 1 of a multi-part standard covering the Digital Subscriber Signalling System No. one (DSS1) protocol specification for the Integrated Services Digital Network (ISDN) Security tools (SET) procedures, as described below:

Part 1: "Protocol specification";

Part 2: "Protocol Implementation Conformance Statement (PICS) proforma specification";

Part 3: "Test Suite Structure and Test Purposes (TSS&TP) specification for the user";

Part 4: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user";

Part 5: "Test Suite Structure and Test Purposes (TSS&TP) specification for the network";

Part 6: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network".

In accordance with CCITT Recommendation I.130, the following three level structure is used to describe the supplementary telecommunication services as provided by European public telecommunications operators under the pan-European 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 3 aspects (signalling system protocols and switching functions) needed to support the SET procedures. The stage 1 aspects are detailed in EN 301 132.

NOTE: Currently no stage 2 document exists.

National transposition dates

Date of adoption of this EN:	30 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

This first part of EN 301 002 specifies the stage three of the Security tools (SET) procedures for the pan-European Integrated Services Digital Network (ISDN) as provided by the European public telecommunications operators at the T reference point or coincident S and T reference point (as defined in ITU-T Recommendation I.411 [2]) by means of the Digital Subscriber Signalling System No. one (DSS1) protocol. Stage three identifies the protocol procedures and switching functions needed to support a telecommunications service (see CCITT Recommendation I.130 [10]).

In addition, the present document specifies the protocol requirements at the T reference point where the service is provided to the user via an intermediate private ISDN.

The present document does not specify the additional protocol requirements where the service is provided to the user via a telecommunications network that is not an ISDN.

The SET procedures are a means of providing an appropriate level of security and protection to the user of a given telecommunication service.

Further parts of the present document specify the method of testing required to identify conformance to the present document.

The present document is applicable to equipment supporting the SET procedures, to be attached at either side of a T reference point or coincident S and T reference point when used as an access to the public ISDN.

2 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.

2.1 Normative references

- [1] EN 300 196-1: "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [2] ITU-T Recommendation I.411 (1993): "ISDN user-network interfaces; Reference configurations".
- [3] CCITT Recommendation X.208 (1988): "Specification of Abstract Syntax Notation One (ASN.1)".
- [4] CCITT Recommendation X.219 (1988): "Remote operations: Model, notation and service definition".
- [5] ITU-T Recommendation Z.100 (1993): "Specification and Description Language (SDL)".