



ATIS-1000639.1995(R2011)

Calling Name Identification Restriction



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Calling Name Identification Restriction

Secretariat

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Foreword (This foreword is not part of American National Standard T1.639-1995.)

This standard specifies the capabilities required to provide the Calling Name Identification Restriction Supplementary service. Calling Name Identification Restriction (CNIR) is an originating supplementary service that provides an ISDN or non-ISDN CNIP subscriber with the ability to control the presentation of their name information to a Calling Name subscriber. Calling Name Identification Restriction provides three methods to an originating party to influence the presentation status (a.k.a. privacy status) of their name: subscription to a network stored value of "private" or "public" presentation status; modification of the network stored value from "private to public" or "public to private" on a per call basis; and explicit indication of "private" or "public" name presentation status on a per call basis. It also provides for the interexchange transport of calling party name presentation status. This standard was prepared by the Technical Subcommittee on Service, Architecture, and Signalling (T1S1).

There is one annex in this standard. Annex A is informative and is not considered part of this standard.

Suggestions for improvement of this standard will be welcome. They should be sent to Alliance for Telecommunications Industry Solutions, 1200 G Street, NW, Suite 500, Washington, DC 20005.

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At the time it approved this standard, Technical Subcommittee T1S1 on Services, Architecture, and Signalling had the following members:

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Work Shirt Consulting, Inc.	J. Greg Miller Mary Lou Miller (Alt.)
Xerox corporation	J. Bryan Lyles Prem Kannan (Alt.)

Working groups T1S1.1 and T1S1.3 developed this standard. Over the course of its development the following individuals participated in the working groups' discussions and made significant contributions to the development of this standard:

Wayne Zeuch, Chairman T1S1.1
Willy Verbestel, Vice-Chairman T1S1.1
Brian Foster, Chairman, T1S1.3
Doris Lebovits, Vice-Chairman, T1S1.3
Robin Rosso, Convenor SBSD
sub-working group
Selvam Rengasami, Convenor DSS1
Services/Circuit Mode sub-working groups

Francois Audet
Michelle Cleary
Kent Conness
Nuri Dagdeviren
Amar Deol
D. Gan
Gary Hitchcock
Sin-Kuen Ko
Brenda LiBrizzi
Michael Pierce
Chris Seidl
Michelle Stevens
Dave VanderMeiden

C.K. Lee, Convenor,
ISUP sub-working group
Wesley Downum, Convenor, TC&AL
sub-working group

Anthony Brinkman
Stewart Patch
Yatendra K. Pathak

American National Standard for Telecommunications – Calling Name Identification Restriction

1 Scope, purpose, and application

1.1 Scope and purpose

This standard is one of a series that defines and describes supplementary services. These services may be made available for users with non-ISDN interfaces who access SS7 capable networks and also within the context of an Integrated Services Digital Network (ISDN). This standard describes Calling Name Identification Restriction, which is an originating service that allows a user to alter the network stored or subscribed privacy status associated with the user's Calling Name. The associated switching and signaling specifications are also provided. This service may be made available on demand or in a subscription arrangement. The interaction of this service with other service capabilities defined in American National Standards is also included. The purpose of this standard is to allow maximum compatibility among network and user owned telecommunications equipment in order to increase the attractiveness and usefulness of the additional information transfer capabilities of SS7 and ISDN-based capabilities. When more than one network is involved in the provision of network capabilities or service specified in this standard, bilateral agreements among the networks involved may be required. Such agreements are outside the scope of this standard.

1.2 Application

This standard applies to non-ISDN user-network interfaces, ISDN Basic Rate Interfaces and Primary Rate Interfaces. The non-ISDN user-network interfaces are the analog or equivalent digital interfaces specified in *American National Standard for Private Branch Exchange (PBX) Switching Equipment for Voiceband Applications*, ANSI/EIA/TIA 464-A-1989 and supplement ANSI/EIA/TIA 464-A-1-1992, *American National Standard for Telecommunications – Digital Subscriber Signalling System No. 1 (DSS1) – Layer 3 Overview*, ANSI T1.615-1992, and *American National Standard for Telecommunications – Interface between carriers and customer installations – Analog voicegrade switched access lines using loop-start and ground-start signaling*, ANSI T1.401-1993. For ISDN, this standard is intended to supplement the Basic Circuit Mode call procedures described in *American National Standard for Telecommunications – Integrated Services Digital Network (ISDN) – Layer 3 signalling specification for circuit switched bearer services for Digital Subscriber Signaling Number 1 (DSS1)*, ANSI T1.607-1990, and *American National Standard for Telecommunications – Signalling System No. 7 (SS7) – Integrated Services Digital Network (ISDN) User Part*, ANSI T1.113-1995. It should be used in conjunction with the other American National standards for non-ISDN and ISDN supplementary services for a complete understanding of the interactions between this and other services. For ISDN, this supplementary service is applicable to the Speech, Voice-Band Data (3.1 kHz audio), and Data (64 kbit/s unrestricted) Circuit-Mode bearer services identified in *American National Standard for Telecommunications – Integrated Services Digital Network (ISDN) – Circuit Mode Bearer Service Category Description*, ANSI T1.620-1991.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this American