



ATIS-1000639.a.2001(R2011)

Supplement to Calling Name Identification Restriction

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American National Standard for Telecommunications

Supplement to Calling Name Identification Restriction

Secretariat

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American National Standards Institute, Inc.

Abstract

This supplement revises T1.639-1995 (R2001) to address certain regulations that may need to be considered by the service provider based on the FCC's orders that were issued as a result of FCC Docket No. 91-281, "Rules and Policies Regarding Calling Number Identification Service - Caller ID". Refer to the Code of Federal Regulations, Title 47, Part 64, section 64.1601. It also includes a minor technical correction to error handling for the functional signaling procedures described in 6.3.3.1.

Foreword

The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the standard.

This supplement was prepared by the T1S1.7 Working Group on Services, Architecture and Control. It revises ANSI T1.639-1995 (R2001) to address certain regulations that may need to be considered by the service provider based on the FCC's orders that were issued as a result of FCC Docket No. 91-281, "Rules and Policies Regarding Calling Number Identification Service - Caller ID". Refer to the Code of Federal Regulations, Title 47, Part 64, section 64.1601. It also includes a minor technical correction to error handling for the functional signaling procedures described in 6.3.3.1.

ANSI guidelines specify two categories of requirements: mandatory and recommendation. The mandatory requirements are designated by the word *shall* and recommendations by the word *should*. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages.

Suggestions for improvement of this standard are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, T1 Secretariat, 1200 G Street NW, Suite 500, Washington, DC 20005.

This standard was processed and approved for submittal to ANSI by Accredited Standards Committee on Telecommunications, T1. Committee approval of the standard does not necessarily imply that all members voted for its approval.

Working Group T1S1.7 Working Group on Services, Architecture and Control which was responsible for the development of this standard, had the following members:

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American National Standard
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Supplement to Calling Name Identification Restriction

1 Introduction

This supplement to T1.639-1995 (R2001), *American National Standard for Telecommunications - Calling Name Identification Restriction*, addresses certain regulatory requirements¹ that may exist regarding Caller Identification services. Such regulations may require the service provider to conceal the name of a caller when that caller requests his or her calling party number be concealed. In particular, this addendum adds the requirements for a service provider to link the presentation status of CLIR and CNIR. This supplement also includes a minor technical correction to error handling for the functional signaling procedures described in 6.3.3.1.

2 Changes to T1.639-1995 (R2001)

1. Add the following references to clause 2 (Normative references):

T1.625-1993 (R 1999), *Telecommunications - Integrated services digital network (ISDN) - Calling line presentation and restriction supplementary services*.²

T1.625a-1998, *Telecommunications - Integrated services digital network (ISDN) - Calling line presentation and restriction supplementary services*.²

2. Add the following subclause to 4.2.2.2 (Normal procedures, Invocation and Operation):

4.2.2.2.4 Considerations for linking CLIR and CNIR

Certain regulatory jurisdictions may require the linking of CLIR and CNIR such that the presentation status of the calling name follows the presentation status of the calling party number. Thus to comply with such regulations, when a caller requests the presentation of calling party number to be restricted, then the presentation of the calling name shall also be restricted.

When CLIR and CNIR are to be linked, the service provider shall:

- a) Provision the network stored value to the equivalent value for both CLIR and CNIR, as follows:
 - "presentation allowed" for CLIR and "public" for CNIR, or
 - "presentation restricted" for CLIR and "private" for CNIR;

¹ Refer to the Code of Federal Regulations, Title 47, Part 64, section 64.1601, which was modified as a result of FCC Docket No. 91-281, "Rules and Policies Regarding Calling Number Identification Service - Caller ID".

² This document is available from the Alliance for Telecommunications Industry Solutions, 1200 G Street N.W., Suite 500, Washington, DC 20005. <<http://www.atis.org>>

- b) Provide a single activation code that can be used by the caller to concurrently invoke both CLIR and CNIR;
 - c) For calls originated on an ISDN access, apply the presentation indicator value that is received for the calling party number to both the calling party number and the calling name.
3. *Add the following subclause to clause 6.3.2.1 (Normal operation at the originating switch):*

6.3.2.1.5 Signaling procedures for when CLIR and CNIR are linked

When CLIR and CNIR are linked as described in 4.2.2.2.4, then the functional and stimulus signaling procedures of the CLIR supplementary service [see T1.625-1993 (R 1999)] shall be applied to concurrently invoke both CLIR and CNIR. The presentation status of the calling name shall follow the presentation status of the calling party number, as follows:

- a) If the presentation status for CLIR is "presentation allowed" then the presentation status for CNIR shall be set to "public."
 - b) If the presentation status for CLIR is "presentation restricted" then the presentation status for CNIR shall be set to "private."
4. *Replace the middle paragraph of 6.3.3.1 with the following paragraph (Error handling for the functional signaling procedures):*

The network will reject a request to "modify network stored value," "force name status private," or "force name status public" if the user has not subscribed to the corresponding Calling Name Identification Restriction service. When the network rejects a "modify network stored value" request, it initiates call clearing and sends a return error component with the userNotSubscribed error value. When the network rejects a "force name status private" or "force name status public" request it initiates call clearing with cause #50, "requested facility not subscribed."

5. *Add the following subclause to clause 6.3.3 (Error handling):*

6.3.3.3 Error handling for when CLIR and CNIR are linked

When CLIR and CNIR are linked as described in 4.2.2.2.4, then the following error procedures apply:

- a) If a Facility information element with modifyNamePrivacyStatus or callingName operation is received by the network, a return error component with the proceduralError value shall be sent to the user in a FACILITY message.
 - b) If a Feature activation information element coded as "feature identifier = force name status 'public'", or coded as "feature identifier = force name status 'private'", or coded as "feature identifier = modify network stored value" is received by the network, the network shall reject the Feature activator request by sending a national specific cause value #53 "service operation violated" with diagnostic "long term denial" in an INFORMATION or STATUS message to the calling user.
6. *Remove the following reference from Annex A (Bibliography):*

T1.625-1993, *Telecommunications - Integrated services digital network (ISDN) - Calling line presentation and restriction supplementary services.*