



ATIS-1000632.1993(P2019)

ISDN Supplementary Service Normal Call Transfer

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for Telecommunications –

ISDN Supplementary
Service Normal Call Transfer

Secretariat

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Approved November 2, 1993

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Foreword (This foreword is not part of American National Standard T1.632-1993.)

This is one of a series of standards on Integrated Services Digital Network (ISDN) supplementary services. This standard defines and describes the Normal Call Transfer service capabilities in the context of the ISDN. This standard provides the switching and signaling specifications to allow a served user to transfer one voiceband information or 64kbit/s data call to another voiceband information or 64kbit/s data call. The Normal Call Transfer service optionally allows the ISDN to notify the transferred parties of the transfer, if the served user subscribes to this capability. This standard includes the Digital Subscriber Signaling System No. 1 (DSS1) and the Signaling System No. 7 ISDN User Part protocol and procedures to support these capabilities.

Service providers of Call Transfer services will find this standard to be useful in providing a consistent suite of protocols and procedures to support the service capabilities described in this standard. Manufacturers of user and network equipment which use the Integrated Services Digital Network (ISDN) and Signaling System No. 7 can apply this standard to the design and development of their products.

This standard was developed by Working Groups T1S1.1, T1S1.2, and T1S1.3 of Accredited Standards Committee T1 – Telecommunications.

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

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American National Standard for Telecommunications –

ISDN Supplementary Service Normal Call Transfer

1 Purpose, scope, and application

1.1 Purpose

This standard is one of a series which defines and describes supplementary services within the context of an Integrated Services Digital Network (ISDN). The interaction of this service with other ISDN services is also included. The purpose of the standard is to allow maximum compatibility among network and user-owned telecommunication equipment in order to increase the attractiveness and usefulness of ISDN-based capabilities.

1.2 Scope

This standard describes the ISDN Normal Call Transfer Service in terms of service definition and protocol and procedures needed for implementation.

1.3 Application

This service applies to an ISDN Basic Rate Interface (BRI) and is intended to supplement the basic circuit-mode bearer services contained in *American National Standard for Telecommunications – Integrated Services Digital Network (ISDN) – Circuit-mode bearer service category description*, ANSI T1.620-1991. It should be used in conjunction with other ISDN standards for ISDN supplementary services for a complete understanding of the interactions between this and other ISDN services.

This supplementary service is applicable to the Speech and 3.1 kHz audio (Voiceband Data), and 64 kbit/s, unrestricted, 8 kHz structured bearer service category (see 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 National Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

ANSI T1.113-1992, *Telecommunications – Signalling System Number 7 (SS7) – Integrated Services Digital Network (ISDN) user part*

ANSI T1.607-1990, *Telecommunications – Integrated Services Digital Network (ISDN) – Layer 3 signaling specification for circuit-switched bearer service for Digital Subscriber Signaling System Number 1 (DSS1)*

ANSI T1.610-1990, *Telecommunications – Digital Subscriber Signaling System No. 1 (DSS1) – Generic procedures for the control of ISDN supplementary services*

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ANSI T1.613-1991, *Telecommunications – Integrated Services Digital Network (ISDN) – Call waiting supplementary service*

ANSI T1.616-1992, *Telecommunications – Integrated Services Digital Network (ISDN) – Call hold supplementary service*