



ATIS-1000647.1995(\$2020)

Integrated Services Digital Network (ISDN) – Conference  
Calling Supplementary Service

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## ATIS-1000647.1995(S2020), *Integrated Services Digital Network (ISDN) – Conference Calling Supplementary Service*

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Integrated Services Digital Network (ISDN) –  
Conference Calling  
Supplementary Service

Secretariat  
**Alliance for Telecommunications Industry Solutions**

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**Foreword** (This foreword is not part of American National Standard T1.647-1995.)

This is one of a series of standards on Integrated Services Digital Network (ISDN) supplementary services. This standard defines and describes the Conference Calling service capabilities in the context of the ISDN. This standard provides switching and signalling specifications to allow a served user to establish calls to multiple parties one at a time using normal call handling procedures, and then to communicate simultaneously with multiple parties, which may also communicate among themselves. This standard includes the Digital Subscriber Signalling System No. 1 (DSS1) and the Signalling System No. 7 ISDN User Part (ISUP) protocol and procedures to support these capabilities.

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

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

Suggestions for improvement of this standard will be welcome. These 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 –

Integrated Services Digital Network (ISDN) –  
Conference Calling Supplementary Service

## 1 Scope, purpose, and application

### 1.1 Scope and 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.

This standard describes the operation of the basic Conference Calling service only. Other forms of Conference Calling (e.g., “Preset”) are not described.

### 1.2 Application

This supplementary service applies to an ISDN and is intended to supplement the basic circuit mode call procedures in ANSI T1.607. It shall be used in conjunction with the other ANSI standards for ISDN supplementary services for a complete understanding of the interactions between this and other services.

This supplementary service is applicable to the following Bearer Services identified in ANSI T1.620 for the ISDN Basic and Primary Rate Interfaces:

- Speech;
- 3.1 kHz Audio;
- 7 kHz Audio.

## 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 T1.113-1995, *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 No. 1 (DSS1)*