



**ATIS-1000616.2014(R.019)**

**Integrated Services Digital Network (ISDN) – Call Hold  
Supplementary Service**

**AMERICAN NATIONAL STANDARD FOR TELECOMMUNICATIONS**



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ATIS-1000616.2014(R2019), *Integrated Services Digital Network (ISDN) – Call Hold Supplementary Service*

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**ATIS-1000616.2014(R2019)**

American National Standard for Telecommunications

# **Integrated Services Digital Network (ISDN) - Call Hold Supplementary Service**

**Alliance for Telecommunications Industry Solutions**

Approved June 2014

**American National Standards Institute, Inc.**

## **Abstract**

This standard specifies the service capabilities of the Call Hold service within the context of an Integrated Services Digital Network (ISDN).

## Foreword

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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.

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

At the time of consensus on this document, PTSC, which was responsible for its development, had the following leadership:

- M. Dolly, PTSC Chair (AT&T)
- V. Shaikh, PTSC Vice-Chair (ACS)
- M. Dolly, PTSC SAC Chair (AT&T)

The **SAC** Subcommittee was responsible for the development of this document.

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ATIS Standard on –

# Integrated Services Digital Network (ISDN) – Call Hold Supplementary Service

## 1 Scope, Purpose, & Application

### 1.1 Scope & Purpose

This standard specifies the service capabilities of the Call Hold service within the context of an Integrated Services Digital Network (ISDN). The Call Hold service allows a served user to interrupt B-channel communications on an existing call and then subsequently, if desired, re-establish communications. 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 public-, and user-owned telecommunications equipment in order to increase the attractiveness and usefulness of ISDN-based capabilities.

### 1.2 Application

This standard applies to ISDN Basic Accesses and Primary Rate Interfaces and is intended to supplement the Basic Circuit Mode call procedures described in *American National Standard for Telecommunications – Integrated Services Digital Network (ISDN) – Layer 3 signaling specification for circuit-switched bearer service for digital subscriber signaling system number 1 (DSS1)*, ATIS-1000607 and *American National Standard for Telecommunications – Signaling system number 7 (SS7) – Integrated services digital network (ISDN) user part*, ATIS-1000113. It should be used in conjunction with the other American National Standards for ISDN supplementary services for a complete understanding of the interactions between this and other services. 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) – Minimal set of bearer services for the basic rate interface*, ATIS-1000604, and *American National Standard for Telecommunications – Integrated services digital network (ISDN) – Minimal set of bearer services for the primary rate interface*, ATIS-1000603.

## 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.

- ATIS-1000113.2005(R2010), *Signaling System No. 7 (SS7) – Integrated Service Digital Network (ISDN) User Part*.<sup>1</sup>

<sup>1</sup> This document is available from the Alliance for Telecommunications Industry Solutions (ATIS), 1200 G Street N.W., Suite 500, Washington, DC 20005 < <https://www.atis.org/docstore/product.aspx?id=24941> >