

AT&T NEVADA GUIDEBOOK

17.1 ISDN BASIC RATE INTERFACE (BRI)

17.1 BASIC RATE INTERFACE ISDN (BRI)

Service Availability

Effective September 1, 2021, Basic Rate Interface ISDN (BRI) will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. The Company will continue to provide existing service to existing customers until the expiration of a customer's term agreement. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly Extension rates until the service is discontinued. The Company currently plans to discontinue this service on or after August 1, 2023. (N)

A. DESCRIPTION

Integrated Services Digital Network - Basic Rate Interface (BRI-ISDN) is a local exchange telecommunications service that provides an integrated voice/data communications capability for the transmission of circuit switched voice and/or circuit switched data on an incoming and outgoing basis. The B channels are used for voice or circuit switched data up to 64 Kbps. The D channel is used to carry signaling information for the B channels. The service is available from specially equipped digital switching equipment located in the Company's central offices.

Circuit Switched Voice provides the ability to originate and receive switched voice calls over a 64 Kbps channel.

Circuit Switched Data provides the ability to originate and receive circuit switched data calls over a 64 Kbps channel. Data line speeds up to 64 Kbps are permitted.

BRI-ISDN provides a business or residence^{/1/} customer with the ability to integrate current voice and data channel services utilizing Individual Line Measured Rate Business Service (1MB) or Individual Line Measured Rate Residence Service (1MR). Business ISDN will be available to business service customers and Personal ISDN will be available to residence customers.

B. REGULATIONS

1. General

- a. BRI-ISDN will only be provided where central office facilities and operating conditions permit.
- b. BRI-ISDN is furnished to customers at the rates and charges as shown in D. following, which are in addition to other rates and charges for Individual Line Measured Rate Business Service (1MB) or Individual Line Measured Rate Residence Service (1MR)^{/1/}.
- c. Rates and Charges for other optional features for Business ISDN and Personal ISDN optional features are in addition to those for BRI-ISDN service and are provided only where facilities and operating conditions permit. Other optional features are applicable to each telephone number associated with each B channel.
- d. The interface to the network is the American National Standards Institute (ANSI) U interface.

^{/1/} Effective September 5, 2019, ISDN BRI Service is Grandfathered for Residence customers. No further installations, moves, rearrangements, or changes of any type will be made. Customers of record as of September 5, 2019, may continue their service as long as such service remains at the location at which it is being furnished on the aforementioned date.

17. 1 ISDN BASIC RATE INTERFACE (BRI)

17.1.1 BASIC RATE INTERFACE ISDN (BRI) (Cont'd)

B. REGULATIONS (Cont'd)

1. General (Cont'd)

- e. Circuit Switched Data calls can be transported between central office switches at 56 Kbps or at 64 Kbps where facilities and operating conditions permit.
- f. Variations in the switching and control equipment used may cause differences in the operation or availability of certain features.
- g. Alternate serving arrangements and extended ISDN with foreign exchange and foreign prefix services will not be allowed for Business or Personal BRI-ISDN.
- h. The customer is responsible for providing compatible premises equipment in order to utilize BRI-ISDN.
- i. Commercial power or another power source, including outlets, is required for the operation of compatible premises equipment and will be furnished, owned and maintained by the customer.
- j. BRI-ISDN is not available to customers on the following types of lines: Premiere, Centrex and PBX Services, COPTS and Coin Services.
- k. The installation charge associated with Individual Line Measured Rate Business Service or Individual Line Measured Rate Residence^{/1/} Service is not applicable when existing Individual Line Measured Rate residence or business customers subscribe to BRI-ISDN. If the customer elects to disconnect Personal or Business ISDN service, there is no charge to change to normal Residence or Business service. (C)
- l. The non-recurring charges for certain optional features shown in Section 17.1.1, following do not apply when other work, subject to a nonrecurring charge or installation charge, is done at the same time on the same line and on the same order.
- m. Circuit Switched Voice calls are subject to the appropriate message charges as set forth in the Company's measured service schedules.
- n. Circuit Switched Data calls are transported over the Circuit Switched Data Digital Network and are subject to message charges as set forth in the Utility's measured service schedules.

/1/ Effective September 5, 2019, ISDN BRI Service is Grandfathered for Residence customers. No further installations, moves, rearrangements, or changes of any type will be made. Customers of record as of September 5, 2019, may continue their service as long as such service remains at the location at which it is being furnished on the aforementioned date. (N)
|
(N)

17.1 ISDN BASIC RATE INTERFACE (BRI)

(T)

17.1.1 BASIC RATE INTERFACE ISDN (BRI) (Cont'd)

B. REGULATIONS (Cont'd)

1. General (Cont'd)

- o. The charges for the first 100 hours of local exchange usage per month, as described in Part 4, Section 2 are included in the monthly recurring rate for an ISDN line. ISDN Usage beyond 100 hours a month will be charged the applicable measured service usage rates from Part 4, Section 2. Customers must also pay the appropriate nonrecurring charges shown in Part 3, Section 1 and the monthly recurring charges shown in Part 4, Section 2.

C. SERVICE FEATURE DEFINITIONS

1. BRI-ISDN Basic Service

BRI-ISDN basic service provides two B channels, each of which can support Circuit Switched Voice and/or Circuit Switched Data and one D channel which is used for signaling.

BRI-ISDN Basic Service includes the following standard features:

- a) Hold - The Hold feature allows the station user to place an existing call on hold, access another dial tone or answer a second call.
- b) Consultation Hold - Consultation Hold is similar to the standard Hold feature, but also allows the first party to be connected to the third party for a Three-Way Conference. The second party, in this description, is the BRI-ISDN customer.
- c) Three-Way Conference - Three-Way Conference is the same as Nevada Bell's Custom Calling Service "Three-Way Calling." Three-Way Calling allows the customer to add a third party to an established connection. When the third party answers, a two-way conversation can be held before adding the original party for a three-way conference. The customer initiating the conference controls the call and may disconnect the third party to reestablish the original connection or establish a connection to a different third party. The feature may be used on both outgoing and incoming calls.
- d) Call Transfer - Call Transfer allows the customer to transfer a call, connecting the first party to a third party. Call Transfer can connect two parties that are outside the ISDN system. The BRI-ISDN customer will be billed the appropriate local and toll message charges for the transferred call.

17.1 ISDN BASIC RATE INTERFACE (BRI)

(T)

17.1.1. BASIC RATE INTERFACE ISDN (BRI) (Cont'd)

C. SERVICE FEATURE DEFINITIONS (Cont'd)

1. BRI-ISDN Basic Service (Cont'd)

BRI-ISDN Basic Service includes the following standard features (Cont'd)

- e) Caller ID - Caller ID displays the telephone number of the calling party on a specially designed telephone or adjunct device capable on recognizing Caller ID signaling.
- f) Time and Date Display - The feature allows the appearance of time of day and calendar date on the compatibly equipped telephone set.
- g) Primary Directory Number - The Primary Directory Number is a unique directory number assigned to each of the two (2) B channels. The first two Primary Directory Numbers are included in the BRI-ISDN basic package.
- h) Multiple Directory Numbers - Multiple Directory Numbers allows multiple call appearances of Primary, Secondary and/or Shared Directory Numbers to be assigned to stations equipped with compatible premises equipment.

2. BRI-ISDN Optional Features

Business ISDN or Personal ISDN customers may select optional features based upon additional B-Channel circuit switched Primary Directory Numbers.

- a) Additional Primary Directory Numbers - This optional feature is in addition to the first two Primary Directory Numbers included in the basic package for BRI-ISDN. A maximum of eight (8) Primary Directory Numbers are allowed on BRI-ISDN. Installed primary directory numbers will contend for the use on the B Channels. Therefore, the customer assumes responsibility for any blocked calls. The Company will input a set of unique parameters for each logical and/or physical customer premises equipment (CPE) that will utilize the channel.
- b) Secondary Directory Number - Secondary Directory Number allows a unique number other than the Primary Directory Number to be assigned to the station equipped with compatible premises equipment.

17.1 ISDN BASIC RATE INTERFACE (BRI)

17.1.1. BASIC RATE INTERFACE ISDN (BRI) (Cont'd)

D. Rates and Charges

The following rates and charges are applicable to Business ISDN (USOC 1MBSL) and Residential ISDN^{/1/} (USOC HDRMR) and are in addition to the rates and charges of the service with which they are associated. See Part 4, Section 2 or Local Exchange Measured Rate Service and Part 3, Section 1 for installation charges.

	<u>Nonrecurring Charges</u>	<u>Monthly Rates Current</u>	<u>USOC</u>
1. Basic Rate Interface			
Business ISDN, each line	\$150.00	\$6,557.00 (I)	FPKG3
Residential ISDN, each line ^{/1/}	150.00	38.50	FPKG4

2. Service Usage Interface
The charges for the first 100 hours of local exchange usage per month, are included in the monthly recurring rate for an ISDN line. The rates for the initial and additional minutes of use after the first 100 hours are as follows:

	<u>Monthly Rates Current</u>
Business ISDN	
Initial Minute	\$0.01
Additional Minute	0.01
Residential ISDN ^{/1/}	
Initial Minute	0.01
Additional Minute	0.01

	<u>Nonrecurring Charges</u>	<u>Monthly Rates Current</u>	<u>USOC</u>
3. Optional Features			
Additional B-Channel, Circuit Switched			
Primary Directory Numbers ^{/2/} , each	\$25.00	\$4.00	APDCS
Secondary Directory Number, each	2.00	2.00	SEDN1

/1/ Effective September 5, 2019, ISDN BRI Service is Grandfathered for Residence customers. No further installations, moves, rearrangements, or changes of any type will be made. Customers of record as of September 5, 2019, may continue their service as long as such service remains at the location at which it is being furnished on the aforementioned date.

/2/ The first two (2) Primary Directory Numbers are included in the BRI-ISDN basic package. The Primary Directory Numbers referenced above apply to additional, optional Primary Directory Numbers.