

**AT&T CALIFORNIA GUIDEBOOK**

PART 20 - Grandfathered Services  
SECTION 17 - ISDN Services

Original Sheet 1

**1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>**

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Effective September 1, 2021, ISDN-BRI will no longer be available for purchase by new or existing customers. (N)  
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. (N)  
The Company currently plans to discontinue this service on or after August 1, 2023. (N)

**A. DESCRIPTION**

Integrated Service Digital Network - Basic Rate Interface (ISDN-BRI) is a local exchange telecommunications service that provides an integrated voice/data communications capability for the transmission of circuit switched voice, circuit switched data and packet switched data<sup>1</sup> 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 plus packet switched data<sup>2/</sup>. 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.

ISDN-BRI provides a Business or Residence<sup>/1/</sup> customer with the ability to integrate current voice and data channel services utilizing Individual Line Measured Rate Business Service or Individual Line Measured/Flat Rate Residence Service. Business ISDN will be available to business service customers and Personal ISDN will be available to residence customers, as defined in Schedule Cal. P.U.C. No. A2.1, respectively.

Effective August 31, 2011, term pricing plans are no longer available for new installations or renewals of ISDN-BRI service. Customers currently on term pricing plans may continue service at their existing rates until the contract term expires. Upon completion of the current contract term, customers may continue receiving the service at the then current, applicable month to month rates.

**B. REGULATIONS**

1. General

- a. ISDN-BRI will only be provided where central office facilities and operating conditions permit.
- b. ISDN-BRI is furnished to customers at the rates and charges as shown in 1.4. following, which are in addition to other rates and charges for Individual Line Measured Rate Business service or Individual Line Measured Rate Residence Service.

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/2/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to be DPN switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

/3/ Material formerly appeared in Part 17, Section 1, Sheet 1. See Frozen/Grandfathered Service, Part 2, Section 2.

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**1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>1/</sup> (cont'd)**

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**B. REGULATIONS (cont'd)**

1. General (cont'd)

- c. Rates and Charges for other optional features for Business ISDN and Personal ISDN optional features are in addition to those for ISDN-BRI service and are provided only where facilities and operating conditions permit, and are applicable to each telephone number associated with each B channels.
- d. The interface to the network is the American National Standards Institute (ANSI) U interface.
- e. X.25 packet<sup>2/</sup> data calls can be transported between central office switches, in those offices that are suitably equipped, using the Company's Packet Switched Network as set forth in the Company's Schedules. B and D channels packet capacity is only available in those central offices that are suitably equipped.
- f. Circuit Switched Data calls can be transported between central office switches at 56 Kbps or at 64 Kbps where facilities and operating conditions permit.
- g. Variations in the switching and control equipment used may cause differences in the operation or availability of certain features.
- h. Foreign Exchange and Foreign Prefix Services as defined in Guidebook, Part 4, Section 3 are not available with ISDN-BRI.
- i. The customer is responsible for providing compatible premises equipment in order to utilize ISDN-BRI.
- j. 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.
- k. ISDN-BRI is not available to customers on the following types of lines: Extension Line Service, Commstar II<sup>3/</sup>, Centrex and PBX Services, COPT and Coin Services.

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/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

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/2/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN Switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

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/3/ Commstar II is a Grandfathered service. See Part 20, Section 7 for details.

/4/ Material formerly appeared in Part 17, Section 1, Sheet 1 and Sheet 2. See Frozen/Grandfathered Service, Part 2, Section 2.

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**INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup> (cont'd)**

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**B. REGULATIONS (cont'd)**

1. General (cont'd)

- l. The installation charge associated with Individual Line Measured Rate Business Service (1MB), Individual Line Measured Rate Residence Service (1MR) or Individual Line Flat Rate Residence Service (1FR) is not applicable when existing 1MB, 1MR or 1FR customers subscribe to ISDN-BRI. If the customer elects to disconnect Personal ISDN service, there is no charge to change to normal 1MR or 1FR service.
- m. The non-recurring charges for certain optional features shown in D. 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 on the same order.
- n. Circuit Switched Voice calls are subject to the appropriate message charges as set forth in the Company's schedules.
- o. Circuit Switched Data calls are transported over the Circuit Switched Data Digital Network and are subject to message charges as set forth in Guidebook, Part 9 Section 1.
- p. Usage rates and regulations applicable to Individual Line Measured Rate Residence service as set forth in Schedule Cal. P.U.C. No. A5.2.2 will apply for Personal ISDN subscribers on Circuit Switched Voice and/or Circuit Switched Data Calls during the hours of 8:00 a.m. through 5:00 p.m., Monday through Friday. All other rate periods (evenings and nights from 5:00 p.m. through 8:00 a.m. and weekends and holidays) will not be charged for usage until a maximum of 200 hours worth of local calling is reached. Once the maximum has been reached the local usage rates as set forth in Schedule Cal. P.U.C. No. A5.2.2 are applicable.
- q. Business ISDN may be provided to business customers where the use of the service is primarily for business purposes. Personal ISDN is provided to residence customers only, where the actual or obvious use is for domestic purposes.
- r. Where the normal serving central office is not equipped to provide ISDN-BRI, ISDN-BRI may be provided from a Company designated ISDN equipped alternate central office in the same or different exchange at no additional charge, utilizing extension technologies.
- s. The nonrecurring charge and monthly rate for up to five (5) ISDN Basic Feature Packages (USOC: FPKG3),(or an alternative service, if available<sup>/2/</sup>) limited to data and video applications, shall be waived for a period of one (1) year for Public Schools, Libraries and Community Colleges and Private Schools as defined in Schedule Cal.P.U.C. No. A2,, participating in the Education First Program. The one (1) year period shall begin on the date of installation and continue for twelve (12) months at which time the customer may elect to disconnect or continue the service at the prevailing Guidebook rates and charges. A Private School, Public School, Library or Community College may request this special waiver from May 19, 1994 through December 31, 1997.

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/2/ Where ISDN-BRI is unavailable five (5) Individual Line Measured Rate Business lines for use with customer provided, high speed modems in only distance learning applications.

/3/ Material formerly appeared in Part 17, Section 1, Sheets 2, 3 and 4. See Frozen/Grandfathered Service, Part 2, Section 2.

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1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

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C. DESCRIPTION OF FEATURES

1. ISDN-BRI 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 and/or Packet Switched Data<sup>/3/</sup>.

In addition, ISDN-BRI Basic Service includes: Hold, Consultation Hold, Three Way Conference, and Call Transfer. This allows the station user to place an existing call on hold, access another call appearance and establish a second call. When this second connection is made the station user can privately confer with the third party (Consultation Hold). The held party can then be joined to create a Three Way Conference. Finally, the station user can disconnect from the call, connecting the original call to the third party (Call Transfer). The Call Transfer can connect two parties that are outside the ISDN system. The ISDN customer will be billed the appropriate local, ZUM and toll message charges for the transferred call.

Business ISDN or Personal ISDN customer may select any combination of features included in the ISDN-BRI Basic Service. The central office features provided are as follows:

Caller Identification (Caller ID)<sup>/2/</sup> displays the telephone number of the calling party on a specially designed telephone.

a. Voice Features

Primary Directory Number - Provides a Primary Directory Number for each B channel voice service.

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.

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/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/2/ From the effective date of Advice Letter No. 18446, it will take the Company approximately sixty (60) days to convert all of the required central offices to make Caller ID available on ISDN-BRI.

/3/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN Switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

/4/ Material formerly appeared in Part 17, Section 1, Sheet 6. See Frozen/Grandfathered Service, Part 2, Section 2.

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**1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>**

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**C. DESCRIPTION OF FEATURES (cont'd)**

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

a. Voice Features (cont'd)

Call Information Display - Displays call related information about any call appearance that has an active call associated with it. The information that can be displayed includes called or calling directory number within the ISDN-BRI system, incoming call identifier call type, call progress information and call forwarding information. This information is limited to being within the serving central office switch and between B1 and B2 channels.

Time and Date Display - Displays the time and date in those offices that are suitably equipped.

b. Data Features

Primary Directory Numbers - Provides a Primary Directory Number for each B channel with circuit switched data service. Multiple Directory Number call appearance is not allowed with data service.

Call Information Display - Displays call related information about any call appearance that has an active call associated with it. The data that can be displayed includes called or calling directory number within the ISDN-BRI system, incoming call identifier call type, call progress information and call forwarding information. This information is limited to being within the same serving central office switch and between B1 and B2 channels.

2. ISDN-BRI Optional Packet Data Device<sup>/2/</sup>

a. Packet Data Features

D-Channel Packet Access -- Provides access to the Basic D-channel that supports X.25 data up to 16 Kbps

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/2/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN Switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

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/3/ Material formerly appeared in Part 17, Section 1, Sheet 7. See Frozen/Grandfathered Service, Part 2, Section 2.

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1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

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C. DESCRIPTION OF FEATURES (cont'd)

2. ISDN-BRI Optional Packet Data Device<sup>/2/</sup> (cont'd)

a. Packet Data Features (cont'd)

D Channel Packet Device<sup>/2/</sup> - Allows a packet device to be attached to the D channel. Additional D channel packet devices are available at the rates and charges as set forth in 1.4 following.

Logical Channels - Allows a ISDN-BRI subscriber to specify up to 4 logical channels for packet services, additional logical channels are available at the rates and charges as set forth in D. following.

Fast Select Initiate/Accept - Allows a sending data terminal to forward up to 128 bytes of data along with call setup and clearing packets. Fast Select acceptance allows the switch to transmit incoming call packets with the fast select facility to a destination terminal that has this feature.

Flow Control Parameter Negotiation - Allows negotiation on a per call basis of the flow control parameters. This consists of automatically negotiating the maximum packet size and window size for each direction of data transmission.

3. ISDN-BRI Individual Optional Features

- a. Additional B Channel Circuit Switched Primary Directory Numbers (Passive Bus/B-Channel Contention) -- Allows multiple Primary Directory Numbers on a single Basic Rate Interface (BRI) where central office facilities and operating conditions permit. A maximum of eight (8) physical Primary Directory Numbers are allowed on a BRI. Installed Primary Directory Numbers will contend for the use of the B channels. Under these conditions, the customer assumes responsibility for any blocked calls. The Company will input a set of unique parameters for each logical or physical customer premises equipment that will utilize the channel.

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/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

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/2/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN Switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

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/3/ Material formerly appeared in Part 17, Section 1, Sheet 8. See Frozen/Grandfathered Service, Part 2, Section 2.

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1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

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C. DESCRIPTION OF FEATURES (cont'd)

3. ISDN-BRI Individual Optional Features (cont'd)

b. ISDN-BRI Local Usage Plan - Allows ISDN-BRI customers to subscribe to a plan that will provide a flat monthly rate with an allowance for Local Plus voice and data calls (IntraLATA message charges). The plan has seven (7) options which are as follows:

- Option 1 - \$ 20.00 Allowance
- Option 2 - \$ 50.00 Allowance
- Option 3 - \$100.00 Allowance
- Option 4 - \$150.00 Allowance
- Option 5 - \$200.00 Allowance
- Option 6 - \$250.00 Allowance
- Option 7 - \$300.00 Allowance

Customers may subscribe to only one usage plan per month. The usage associated with both B channels would contribute to the total amount of allowance. Once the customer has reached the maximum allowance in the plan subscribed to, they will be billed the tariff rates for Local Plus as set forth in Guidebook Part 9. Minimum billing as set forth in Schedule Cal.P.U.C. No. A2. and Part 2 Section 2 are of this guidebook is applicable.

c. Volume Discounts - Allows customers who order 10 or more Business or Personal ISDN (USOCs: FPKG3 and FPKG4) lines at the same time on the same order at a single location to receive a discount on the monthly rate. In addition, for customers who order 10 or more lines of Business ISDN (USOC: FPKG3) at the same time on the same order for multiple locations will receive a discount on the monthly rate. The discounted rate is set forth in 1.4.E. following.

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/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

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/2/ Material formerly appeared in Part 17, Section 1, Sheet 9. See Frozen/Grandfathered Service, Part 2, Section 2.

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1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

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C. DESCRIPTION OF FEATURES (cont'd)

3. ISDN-BRI Individual Optional Features (cont'd)

d. Term Discounts

Provides a discount on the monthly recurring rates for Business and Personal ISDN (USOCs: FPKG3 and FPKG4) as set forth in 1.4.E. following. Customers who subscribe to and maintain the service for a term period of four years for Personal ISDN and three or four years for Business ISDN will be eligible for a discount on each line of Business or Personal ISDN. Should a customer disconnect the ISDN prior to the expiration of the term agreement, a termination charge will apply. <sup>/2/</sup>

(1) Termination Liability Charges

Customer termination liability for cancellation of ISDN-BRI shall be equal to fifty percent (50%) of all recurring charges of the remaining months of the customer's term plan. In addition, the customer shall remain liable for all unpaid Special Construction of nonrecurring charges (excluding waived charges) when a term plan is cancelled early.

Termination liability charges and any other unpaid charges for which the customer remains liable will be debited to the customer's monthly bill.

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/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

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/2/ Term periods are not available on or after August 31, 2011. See A. Description, preceding.

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/3/ Material formerly appeared in Part 17, Section 1, Sheet 10. See Frozen/Grandfathered Service, Part 2, Section 2.

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1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

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C. DESCRIPTION OF FEATURES (cont'd)

3. ISDN-BRI Individual Optional Features (cont'd)

e. Flat Rate ISDN BRI

Flat Rate ISDN BRI allows a Business or Residence customer to subscribe to a plan that provides a flat monthly rate for local ISDN voice and data calls. The monthly rate and installation charge for Flat Rate ISDN BRI will include the Access Line (Business or Residence), and Local Usage as set forth in Section D, following. The ISDN Basic Service Package (FPKG3 or FPKG4) monthly rate and installation charge is not included in Flat Rate ISDN. The ISDN Basic Service Package must be purchased separately as set forth in Guidebook, Part 20, Section 17, Paragraph 1.4.C., following.

(C)

Flat Rate ISDN BRI will use the same 2B1Q technology, the same network and the same switching architecture of ISDN-BRI. The primary difference between Flat Rate ISDN BRI and ISDN-BRI is that Flat Rate ISDN BRI customers will pay a flat rate monthly charge for local ISDN calls, while ISDN-BRI customers will incur usage charges as set forth in Guidebook, Part 4, Section 2. ISDN-BRI Volume and Term Discounts plans do not apply to Flat Rate ISDN.

4. Business and Personal ISDN Individual Optional Features

- a. Secondary Directory Number - Allows a unique number other than the primary directory number to be assigned to the station equipped with compatible premises equipment.

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/1/ Material formerly appeared in Part 17, Section 1, Sheet 11. See Frozen/Grandfathered Service, Part 2, Section 2.

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1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

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C. DESCRIPTION OF FEATURES (cont'd)

4. Business and Personal ISDN Individual Optional Features (cont'd)

- b. Packets - Additional Logical Channels<sup>/2/</sup> - Provides additional logical channels for B or D channel packet devices. D channel packet terminals may be equipped with Additional Logical Channels, specifying a quantity between five (5) and fifteen (15) (the first four (4) logical channels are included with each D channel packet device associated with the ISDN-BRI Optional Packet Data Device). B channel packet terminals may be equipped with Additional Logical Channels specifying a quantity between sixteen (16) and one hundred (100) (the first fifteen are included with the B Channel Packet Service). To change the quantity of Additional Logical Channels, the Miscellaneous Change Charge as set forth in D. Rates and Charges following is applicable.
- c. B Channel Packet Service<sup>/2/</sup> - Permits the assignment of a dedicated B channel for the exclusive use of transporting packet data. One or both B channels of a ISDN line can be assigned to this service. Once assigned, a B channel cannot be used for any other service unless changed at the Rates and Charges as set forth in D. following.
- d. Packet - Permanent Virtual Circuit<sup>/2/</sup> - Allows packet switching to be implemented over a dedicated logical channel without needing call set-up or clearing. Both ends of the ISDN Permanent Virtual Circuit must reside within the same serving central office. This feature is established by the customer service order.
- e. Packet Hunting<sup>/2/</sup> - Allows the customer to define a group of numbers that belong to a hunt group. When an incoming call is destined for a busy terminal in the group, the call will be directed to an idle terminal in the same hunt group.
- f. Shared Call Appearances - Allows call appearances of a Primary or Secondary Directory Number from another station on the same ISDN-BRI line to be assigned to stations equipped with compatible premises equipment. A Shared Directory Number is only available between B1 and B2 channels on the same line in those offices that are suitably equipped.

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/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

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/2/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN Switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

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/3/ Material formerly appeared in Part 17, Section 1, Sheet 9 and 13. See Frozen/Grandfathered Service, Part 2, Section 2.

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**1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>**

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**D. RATES AND CHARGES**

The following rates and charges are applicable to Business ISDN and Personal ISDN are in addition to the rates and charges of the service with which they are associated.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
1. Individual Line Measured Rate Business Service			
- Each <sup>/2/</sup>	\$RR	\$RR	1MB++
- Each <sup>/2/</sup>	RR	RR	1MS++
2. Individual Line Measured Rate Residence Service			
- Each <sup>/2/</sup>	RR	RR	SDSHO

/3/

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/3/

/2/ Regulations, Rates and Charges for Individual Line Measured Rate Business and Residence Service apply, as set forth in Guidebook, Part 3 Section 1; Part 4 Section 2 and/or Schedule Cal. P.U.C. No. A5.2.2, except as set forth in B.1.q., preceding.

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/3/ Material formerly appeared in Part 17, Section 1, Sheet 15. See Frozen/Grandfathered Service, Part 2, Section 2.

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1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

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D. RATES AND CHARGES (cont'd)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
3. ISDN-BRI Basic Service <sup>/2/3/</sup>			
Voice Features <sup>/2/</sup>			
Multiple and/or Shared Directory Numbers (ISDN-BRI Business ISDN only)			
Time and Date Display			
Call Information Display			
Multiple Directory Numbers (Personal ISDN only)			
Hold			
Consultation Hold			
Three Way conference			
Call Transfer			
Data Features <sup>/2/</sup>			
Call Information Display			
Multiple Call Appearance			
- Each Business ISDN Line <sup>/3, 6/</sup>	\$118.74	\$1,228.00	FPKG3
- Each Personal ISDN Line <sup>/3, 7/</sup>	118.74	19.00	FPKG4
4. ISDN-BRI Optional Packet Data Device <sup>/2, 5, 8/</sup>			
Logical Channels (up to 4)			
D-Channel Packet Access			
D-Channel Packet Device			
Fast Select Initiate/Accept			
Flow Control Parameter			
- Negotiation			
- Each Device	23.75	4.75	APDPS

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/2/ Available only in those offices that are suitably equipped.

/3/ See Regulations 1.2.A.13. preceding.

/4/ See 1.3.A. preceding.

/5/ See 1.3.B. preceding.

/6/ In addition to rates and charges for an Individual Line Measured Rate Business service as set forth in Guidebook, Part 3 Section 1, and Part 4 Section 2.

/7/ In addition to rates and charges for an Individual Line Measured Rate Residence service as set forth in Guidebook, Part 3 Section 1, and Schedule Cal. P.U.C. No. A5.2.2

/8/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN Switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

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/9/ Material formerly appeared in Part 17, Section 1, Sheet 16. See Frozen/Grandfathered Service, Part 2, Section 2.

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**1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>1/</sup>**

**D. RATES AND CHARGES (cont'd)**

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
3. ISDN-BRI Basic Service <sup>2/ 3/</sup>			
Voice Features <sup>2/</sup>			
Multiple and/or Shared Directory Numbers (ISDN-BRI Business ISDN only)			
Time and Date Display			
Call Information Display			
Multiple Directory Numbers (Personal ISDN only)			
Hold			
Consultation Hold			
Three Way conference			
Call Transfer			
Data Features <sup>2/</sup>			
Call Information Display			
Multiple Call Appearance			
- Each Business ISDN Line <sup>3, 6/</sup>	\$118.74	\$1,474.00 (I)	FPKG3
- Each Personal ISDN Line <sup>3, 7/</sup>	118.74	19.00	FPKG4
4. ISDN-BRI Optional Packet Data Device <sup>2, 5, 8/</sup>			
Logical Channels (up to 4)			
D-Channel Packet Access			
D-Channel Packet Device			
Fast Select Initiate/Accept			
Flow Control Parameter			
- Negotiation			
- Each Device	23.75	4.75	APDPS

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/2/ Available only in those offices that are suitably equipped.

/3/ See Regulations 1.2.A.13. preceding.

/4/ See 1.3.A. preceding.

/5/ See 1.3.B. preceding.

/6/ In addition to rates and charges for an Individual Line Measured Rate Business service as set forth in Guidebook, Part 3 Section 1, and Part 4 Section 2.

/7/ In addition to rates and charges for an Individual Line Measured Rate Residence service as set forth in Guidebook, Part 3 Section 1, and Schedule Cal. P.U.C. No. A5.2.2

/8/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN Switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

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**1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>**

**D. RATES AND CHARGES (cont'd)**

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
3. ISDN-BRI Basic Service <sup>/2, /3/</sup>			
Voice Features <sup>/2/</sup>			
Multiple and/or Shared Directory Numbers (ISDN-BRI Business ISDN only)			
Time and Date Display			
Call Information Display			
Multiple Directory Numbers (Personal ISDN only)			
Hold			
Consultation Hold			
Three Way conference			
Call Transfer			
Data Features <sup>/2/</sup>			
Call Information Display			
Multiple Call Appearance			
- Each Business ISDN Line <sup>/3, 6/</sup>	\$118.74	\$1,990.00 (I)	FPKG3
- Each Personal ISDN Line <sup>/3, 7/</sup>	118.74	19.00	FPKG4
4. ISDN-BRI Optional Packet Data Device <sup>/2, 5, 8/</sup>			
Logical Channels (up to 4)			
D-Channel Packet Access			
D-Channel Packet Device			
Fast Select Initiate/Accept			
Flow Control Parameter			
- Negotiation			
- Each Device	23.75	4.75	APDPS

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/2/ Available only in those offices that are suitably equipped.

/3/ See Regulations 1.2.A.13. preceding.

/4/ See 1.3.A. preceding.

/5/ See 1.3.B. preceding.

/6/ In addition to rates and charges for an Individual Line Measured Rate Business service as set forth in Guidebook, Part 3 Section 1, and Part 4 Section 2.

/7/ In addition to rates and charges for an Individual Line Measured Rate Residence service as set forth in Guidebook, Part 3 Section 1, and Schedule Cal. P.U.C. No. A5.2.2

/8/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN Switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

**1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>1/</sup>**

**D. RATES AND CHARGES (cont'd)**

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
3. ISDN-BRI Basic Service <sup>2/ 3/</sup>			
Voice Features <sup>2/</sup>			
Multiple and/or Shared Directory Numbers (ISDN-BRI Business ISDN only)			
Time and Date Display			
Call Information Display			
Multiple Directory Numbers (Personal ISDN only)			
Hold			
Consultation Hold			
Three Way conference			
Call Transfer			
Data Features <sup>2/</sup>			
Call Information Display			
Multiple Call Appearance			
- Each Business ISDN Line <sup>3, 6/</sup>	\$118.74	\$2,687.00 (I)	FPKG3
- Each Personal ISDN Line <sup>3, 7/</sup>	118.74	19.00	FPKG4
4. ISDN-BRI Optional Packet Data Device <sup>2, 5, 8/</sup>			
Logical Channels (up to 4)			
D-Channel Packet Access			
D-Channel Packet Device			
Fast Select Initiate/Accept			
Flow Control Parameter			
- Negotiation			
- Each Device	23.75	4.75	APDPS

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/2/ Available only in those offices that are suitably equipped.

/3/ See Regulations 1.2.A.13. preceding.

/4/ See 1.3.A. preceding.

/5/ See 1.3.B. preceding.

/6/ In addition to rates and charges for an Individual Line Measured Rate Business service as set forth in Guidebook, Part 3 Section 1, and Part 4 Section 2.

/7/ In addition to rates and charges for an Individual Line Measured Rate Residence service as set forth in Guidebook, Part 3 Section 1, and Schedule Cal. P.U.C. No. A5.2.2

/8/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN Switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

/4/

D. RATES AND CHARGES (cont'd)

5. ISDN-BRI Individual Optional Features

	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
(a) Additional B-Channel Circuit Switched Primary Directory Numbers <sup>/1, 2/</sup> - Each	RR	RR	APDCS
(b) ISDN-BRI Local Plus Usage Plan			
- Option 1 - \$20.00 Allowance	\$10.00	\$ 12.30	NA
- Option 2 - \$50.00 Allowance	\$10.00	30.87	NA
- Option 3 - \$100.00 Allowance	\$10.00	61.70	NA
- Option 4 - \$150.00 Allowance	\$10.00	92.14	NA
- Option 5 - \$200.00 Allowance	\$10.00	123.01	NA
- Option 6 - \$250.00 Allowance	\$10.00	151.51	NA
- Option 7 - \$300.00 Allowance	\$10.00	180.01	NA

/4/

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/4/

/2/ Rates and Charges set forth in Guidebook Part 8 Section 10 are applicable.

/3/ The first two (2) Primary Directory Numbers are included in the ISDN-BRI Basic Package.

/4/

/4/ Material formerly appeared in Part 17, Section 1, Sheet 17. See Frozen/Grandfathered Service, Part 2, Section 2.

(N)  
(N)



1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

/4/

D. RATES AND CHARGES (cont'd)

5. ISDN-BRI Individual Optional Features (cont'd)

	<u>Monthly Discount</u>	<u>Term Monthly Discount</u>	
		<u>3 Year</u>	<u>4 Year</u>
(c) ISDN-BRI Volume Discount Plan			
Single Location, 10 lines or more			
- Business ISDN, per line (USOC: FPKG3)	\$1.90		
- Personal ISDN, per line (USOC: FPKG4)	.95		
Multiple Location, 10 Lines or more			
- Business ISDN, per line (USOC: FPKG3)	.95		
(d) ISDN-BRI Term Discounts <sup>/3/</sup>			
Amount to be discounted per month			
- Per Personal ISDN Basic Feature Package (USOC: FPKG4)	NA		\$ .95
- Per Business ISDN Basic Feature Package (USOC: FPKG3)	\$.95		1.90

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
6. Flat Rate ISDN BRI			
- Flat Rate ISDN BRI - Business	\$67.21 <sup>/2/</sup>	\$2,459.00 <sup>/2/</sup>	BDRFR
- Flat Rate ISDN BRI - Personal	40.00 <sup>/2/</sup>	55.95 <sup>/2/</sup>	HDRFR

/4/

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/4/

/2/ Includes Access Lines and Local Usage.

/3/ Term periods are not available on or after August 31, 2011. See A. Description, preceding.

/4/

/4/ Material formerly appeared in Part 17, Section 1, Sheet 18. See Frozen/Grandfathered Service, Part 2, Section 2.

(N)  
(N)

**1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>**

**D. RATES AND CHARGES (cont'd)**

5. ISDN-BRI Individual Optional Features (cont'd)

	<u>Monthly Discount</u>	<u>Term Monthly Discount</u>	
		<u>3 Year</u>	<u>4 Year</u>
(c) ISDN-BRI Volume Discount Plan			
Single Location, 10 lines or more			
- Business ISDN, per line (USOC: FPKG3)	\$1.90		
- Personal ISDN, per line (USOC: FPKG4)	.95		
Multiple Location, 10 Lines or more			
- Business ISDN, per line (USOC: FPKG3)	.95		
(d) ISDN-BRI Term Discounts <sup>/3/</sup>			
Amount to be discounted per month			
- Per Personal ISDN Basic Feature Package (USOC: FPKG4)	NA		\$ .95
- Per Business ISDN Basic Feature Package (USOC: FPKG3)	\$.95		1.90

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
6. Flat Rate ISDN BRI			
- Flat Rate ISDN BRI - Business	\$67.21 <sup>/2/</sup>	\$2,951.00 <sup>/2/ (1)</sup>	BDRFR
- Flat Rate ISDN BRI - Personal	40.00 <sup>/2/</sup>	55.95 <sup>/2/</sup>	HDRFR

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/2/ Includes Access Lines and Local Usage.

/3/ Term periods are not available on or after August 31, 2011. See A. Description, preceding.

(D)  
(D)

**1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>**

**D. RATES AND CHARGES (cont'd)**

5. ISDN-BRI Individual Optional Features (cont'd)

	<u>Monthly Discount</u>	<u>Term Monthly Discount</u>	
		<u>3 Year</u>	<u>4 Year</u>
(c) ISDN-BRI Volume Discount Plan			
Single Location, 10 lines or more			
- Business ISDN, per line (USOC: FPKG3)	\$1.90		
- Personal ISDN, per line (USOC: FPKG4)	.95		
Multiple Location, 10 Lines or more			
- Business ISDN, per line (USOC: FPKG3)	.95		
(d) ISDN-BRI Term Discounts <sup>/3/</sup>			
Amount to be discounted per month			
- Per Personal ISDN Basic Feature Package (USOC: FPKG4)	NA		\$ .95
- Per Business ISDN Basic Feature Package (USOC: FPKG3)	\$.95		1.90

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
6. Flat Rate ISDN BRI			
- Flat Rate ISDN BRI - Business	\$67.21 <sup>/2/</sup>	\$3,984.00 <sup>/2/</sup> (I)	BDRFR
- Flat Rate ISDN BRI - Personal	40.00 <sup>/2/</sup>	55.95 <sup>/2/</sup>	HDRFR

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/2/ Includes Access Lines and Local Usage.

/3/ Term periods are not available on or after August 31, 2011. See A. Description, preceding.

**1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>**

**D. RATES AND CHARGES (cont'd)**

5. ISDN-BRI Individual Optional Features (cont'd)

	<u>Monthly Discount</u>	<u>Term Monthly Discount</u>	
		<u>3 Year</u>	<u>4 Year</u>
(c) ISDN-BRI Volume Discount Plan			
Single Location, 10 lines or more			
- Business ISDN, per line (USOC: FPKG3)	\$1.90		
- Personal ISDN, per line (USOC: FPKG4)	.95		
Multiple Location, 10 Lines or more			
- Business ISDN, per line (USOC: FPKG3)	.95		
(d) ISDN-BRI Term Discounts <sup>/3/</sup>			
Amount to be discounted per month			
- Per Personal ISDN Basic Feature Package (USOC: FPKG4)		NA	\$ .95
- Per Business ISDN Basic Feature Package (USOC: FPKG3)		\$.95	1.90

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
6. Flat Rate ISDN BRI			
- Flat Rate ISDN BRI - Business	\$67.21 <sup>/2/</sup>	\$5,378.00 <sup>/2/ (1)</sup>	BDRFR
- Flat Rate ISDN BRI - Personal	40.00 <sup>/2/</sup>	55.95 <sup>/2/</sup>	HDRFR

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/2/ Includes Access Lines and Local Usage.

/3/ Term periods are not available on or after August 31, 2011. See A. Description, preceding.

1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

/6/

D. RATES AND CHARGES (cont'd)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
7. Business and Personal ISDN			
Individual Optional Features <sup>/2,3/</sup>			
Secondary Directory Number			
- Each first appearance <sup>/4/</sup>	\$ 7.50	\$ .95	SEDN1
Packet - Permanent Virtual Circuit <sup>/5/</sup>			
- Each	56.99	3.80	PACPV
Packet - Additional Logical Channels <sup>/5/</sup>			
- D-Channels 5 up to and including 15	NO	.95	PACLC
- B-Channels 16 up to and including 100	NO	4.75	PACMC
B-Channel Packet Service <sup>/5/</sup>			
- Each channel (Maximum of 15 logical channels)	261.23	142.49	PACBC

/6/

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/6/

/2/ Available only in those offices that are suitably equipped.

/3/ See C.3., preceding.

/4/ See B.m., preceding.

/5/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

/6/

/6/ Material formerly appeared in Part 17, Section 1, Sheet 19. See Frozen/Grandfathered Service, Part 2, Section 2.

(N)  
(N)

1. INTEGRATED SERVICE DIGITAL NETWORK - BASIC RATE INTERFACE (ISDN-BRI)<sup>/1/</sup>

/7/

D. RATES AND CHARGES (cont'd)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
7. Business and Personal ISDN			
Individual Optional Features <sup>/2,3/</sup>			
- Packet Hunting <sup>/6/</sup>			
- Each packet terminal in the hunt group <sup>/5/</sup>	\$7.50	\$ .95	PNH
		<u>Nonrecurring Charge</u>	
8. Miscellaneous Change Charge			
Central office modification of line, including hunting and changes between Business ISDN and Personal ISDN			
- Each line <sup>/4/</sup>		RR	NO

/7/

/1/ Effective April 15, 2016, ISDN-BRI is grandfathered for residence customers. Existing residence customers may keep ISDN-BRI service until they move or make changes to the service. See Frozen/Grandfathered Service, Part 2, Section 2.

/2/ Available only in those offices that are suitably equipped.

/3/ See C.3., preceding.

/4/ Charges apply as set forth in Guidebook Part 3 Section 1.

/5/ See B.m., preceding.

/6/ Frozen/Grandfathered Service, with the exception of B Channel Packet that does not connect to the DPN Switch, effective October 12, 2004. See Frozen/Grandfathered Service, Part 2, Section 2.

/7/ Material formerly appeared in Part 17, Section 1, Sheet 20. See Frozen/Grandfathered Service, Part 2, Section 2.

/7/

/7/  
(N)  
(N)