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A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.2 *Terms and Conditions*

- A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.
- B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications.
- C. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Basic Rate Access render any facilities provided by the customer obsolete or require modification or alteration of such equipment or system, or otherwise affect its use or performance.
- D. Suspension of service is not allowed, except for IBS lines associated with MultiServ service or MultiServ PLUS service. Suspension at the request of the subscriber will be allowed on the B-channel portion of these main station lines at fifty percent of the rate regularly charged. Optional features outlined in Section A12. and this section will be suspended at no recurring charge during the period of suspension unless otherwise noted. Other rules and restrictions as outlined in Section A2. apply.

(T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.2 Terms and Conditions (Cont'd)

- E. Service Charges in Section A4. are applicable per Basic Rate DSL access in addition to rates and charges following.
- F. Usage rates as appropriate for Local Optional Service Option B (LOS-B) are specified in Section A3. Usage rates for all originating minutes of use under the Usage Option Plan are specified in this section.
- G. IBS will be available where central office and outside plant facilities permit.
- H. IBS served from a central office other than the central office the subscriber would normally be served from will require interoffice facilities as provided in this Section per DSL. Any non-ISDN interoffice facilities connecting to this service will follow the *terms and conditions* in Section A9. (T)

Existing customers may convert to the Interoffice Circuits in this Section or they may continue to pay rates for interoffice facilities from Section A9 until they make changes or additions. Existing customers choosing to convert interoffice facilities will not be charged the installation charge for Interoffice Circuits. Appropriate charges from Section A4. are also not applicable for these conversions. Any changes or additions completed at the time of conversion will be charged the appropriate Installation charges. When the customer requests changes or additions to existing interoffice facilities, they must subscribe to the Interoffice Circuits from this Section.

At the Company's option, when the normal serving central office is not equipped for ISDN, a customer may be served with ISDN from another central office. When the Company elects this serving arrangement, the interoffice charges will not apply. IBS customers to be served under this arrangement must sign an agreement the service will be moved back to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. Should the customer request to be served from an ISDN equipped central office other than the normal serving central office, the appropriate interoffice or interexchange charges will apply.

Charges for interoffice facilities will apply for any IBS line associated with a MultiServ service or MultiServ PLUS service that is served from a central office other than the normal service central office.

- I. Each ISDN Basic Rate DSL Access Arrangement will be counted as one line in determining the application of the Service Charges specified in Section A4. and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, Inc., FCC No. 1. Section 4.
- J. IBS lines may be purchased out to be associated with MultiServ service or MultiServ PLUS service, located in A12.20 and A12.21. Terms and conditions for MultiServ service and MultiServ PLUS service will apply to these IBS lines except as otherwise stated in this section.

Each ISDN Basic DSL Access Arrangement will be counted as a MultiServ service or MultiServ PLUS service line in determining the total system size.

IBS lines associated with MultiServ service or MultiServ PLUS service may purchase Optional Features compatible with ISDN from the MultiServ service Optional Features section of the MultiServ service section of the Guidebook as well as features unique to ISDN lines from the Optional Features in this section. When a feature is listed in the Optional Feature Sections of both the MultiServ service and IBS offerings, the IBS version of the feature should be ordered. MultiServ Service Feature Groups are not available for use with these IBS lines.

IBS lines not associated with a MultiServ service or MultiServ PLUS service may not purchase features from the MultiServ service section.

Only 36-120 months contract periods are available under the Rate Stability Plan¹ in this section for IBS lines associated with a MultiServ service or MultiServ PLUS service as those lines must be coterminous with the MultiServ service or MultiServ PLUS service main station lines.

Note 1: As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.3 Definitions

B CHANNEL

A B channel is a bidirectional synchronous channel capable of supporting 64 Kbps of digital transmission.

BASIC RATE DSL ACCESS ARRANGEMENT

The Basic Rate DSL Arrangement is the element that represents the ISDN central office equipment and the loop to the customer's premises. This element alone does not provide ISDN service, but requires activation of at least one B or D channel. (T)

CONFIGURATION GROUPS

Configuration Groups use a similar software assignment concept to associate physical buttons of ISDN terminals to features and actions. Since Configuration Groups use a group assignment process, it is necessary to group ISDN terminals together by type and common button action, so that terminals assigned to the same Configuration Group will operate in the same button numbers on any other terminals in the same Configuration Group, as long as the same features/call appearances are used on each terminal. If not, the buttons cannot be used for a different feature or function. Variations in terminal types, features, call appearances, and feature button location will necessitate multiple Configuration Groups.

D CHANNEL

A D channel is a 16 Kbps digital signaling channel also capable of supporting 9.6 Kbps of packet information for the Basic Rate Interface (BRI).

DIRECTORY NUMBERS (DN)

The telephone numbers associated with B or D channel access.

- Primary Directory Number (PDN) is a directory number included with each access to a B or D channel.
- Secondary Number is a directory number that is not the Primary DN on any terminal. Secondary Directory Numbers may be purchased separately.
- Shared Directory Number, either Primary or Secondary, is a directory number that appears on more than one terminal. Shared Directory Numbers may be purchased separately.
- Unique Directory Number is Primary Directory Number that is not shared with any other B or D channel service on the same User Profile.

FEATURE KEY MAP

In order to provide "key type" activation and status indication of specified features, each TSP may be associated with a set of Feature Activators (FAs) and a set of Feature Indicators (FIs). A Feature Key Management Profile (MAP) is a set of FAs and FIs associated with a TSP.

LOGICAL CHANNEL

A communications channel through the network that allows simultaneous transmission of sequenced data packets through the network. No circuit capacity is preassigned to a logical channel; capacity is made available as data is transmitted.

64 KBPS CLEAR CHANNEL CAPACITY (CCC)

A B channel connection that provides end-to-end digital connection in which all 64 Kbps of bandwidth are available for customer use.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.4 Rates and Charges (Cont'd)

C. Usage

1. Circuit Switched Voice and Data (Measured Only)

- a. Per minute rates for usage on all circuit switched services (Voice and/or Data) and *terms and conditions* for Local Optional Service Option B are defined in Section A3. (T)
- b. Originating usage in the Usage Option Plan will be billed at the per minute of use rate per channel in use.
 - (1) Rate

(a) Usage Option Plan	Per Minute of Use \$0.05	USOC N/A
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E. Packages

1. Packages EZ1, EZ1A, EZ2 and EZ2A are available for use with IBS on National ISDN lines. The packages will not be available on Custom ISDN lines or lines associated with MultiServ service or MultiServ PLUS service. A credit will be applied to the monthly billing for customers purchasing IBS via one of these packages. Packages must be ordered exactly as stated in the descriptions of the packages. If any feature listed in the package is deleted or provisioning options are changed, the package credit will no longer apply.

Additional optional features compatible with the package configurations are allowed with the packages. Additional features may be added only on the User Profile already provisioned with features.

2. Description of Packages -

- a. Package EZ1 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button.
- b. Package EZ1A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., Visual Message Waiting, Call Forwarding Busy Line, Call Forwarding Don't Answer. Voice mail service will be allowed with this package.
- c. Package EZ2 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., 2 Secondary DN's.
- d. Package EZ2A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., 2 Secondary DN's, Visual Message Waiting, Call Forwarding Busy Line, Call Forwarding Don't Answer. Voice Mail service will be allowed with this package.

3. Packages Rates and Charges

a. Per DSL

- (1) Packages - Credit Per DSL

	Installation Charge	Monthly Credit	USOC
(a) Package EZ1 Credit	-	\$7.60	LPEO1
(b) Package EZ1A Credit	-	8.10	LPE1A
(c) Package EZ2 Credit	-	8.10	LPEO2
(d) Package EZ2A Credit	-	9.60	LPE2A

F. Termination Charges

IBS lines placed in service under Rate Stability Plans after September 1, 1998 will incur a Termination charge at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the Rate Stability Plan. Termination Charges will not apply for IBS lines upgrading to another service offered by the Company with a contract period equal to or longer than the existing ISDN contract.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

2. (Cont'd)

- c. Call Forwarding Busy Line - This feature automatically routes calls to a pre-selected number when the called line is busy. This feature may be either fixed (changeable by service order only) or programmable (customer changeable) by station user via feature activation code).
- d. Call Forwarding Don't Answer - This feature automatically routes calls to a pre-selected number when the called line does not answer in a preset ringing cycle. This feature may be either fixed (changeable by service order only) or programmable (customer changeable) by station user via feature activation code.)
- e. Call Forwarding Multiple Simultaneous - This feature allows a station line to forward more than one call at a time.
- f. Call Pickup - Allows a user to answer calls directed to another line in the same preset Call Pickup Group.
- g. Conference, Drop, Hold and Transfer
 - Conference - Allows the user to add a third party to an existing conversation. This feature is for use with voice calls only.
 - Drop - This central office based feature allows the user to disconnect the last party added to a conference call.
 - Hold - Allows the user to place a call on hold by pressing the function button. Any set with the call appearance for the call on hold can pick up the call by pressing the call appearance button.
 - Transfer - This feature allows the user to transfer a call to another DN. This feature is for use with voice calls only. This feature may require an additional Call Appearance or an additional DN.
- h. Six-Way Conference, Drop, Hold and Transfer - This feature has the same functionality as Conference, Drop, Hold and Transfer feature except that six-way conference is allowed.
- i. Hunting - This feature provides for a predefined search for an idle directory number to which a call can be completed. Directory numbers subscribing to hunting may not have multiple call appearances.
- j. Speed Calling - This feature allows each user to assign up to thirty telephone numbers to a two-digit code for the purpose of enabling abbreviated dialing.
- k. Calling/Called Number Delivery/Calling Name Delivery-National ISDN - This feature provides the user who is receiving/originating a call with information about the calling/called party and the facility or destination and is provided with IBS. Some "privacy" options may be in effect in certain areas and will be located in Section A13. (T)
- l. (DELETED)
- m. Visual Message Waiting Indicator - Provides the user of a message service with a visual indication that a message is waiting.
- n. Audible Message Waiting Indicator - Provides the user of a message service with an indication that a message is waiting.
- o. Additional Call Appearance - PDN or DN - This feature allows the terminal to have more than one DN button assigned to the same DN or Primary Directory Number (PDN).

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

(T)

Reserved for future use

(T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.2 Terms and Conditions

- A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning. (T)
- B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications.
- C. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Basic Rate Access render any facilities provided by the customer obsolete or require modification or alteration of such equipment or system, or otherwise affect its use or performance.
- D. Suspension of service is not allowed.
- E. Service Charges in Section A4. are applicable per Basic Rate DSL access in addition to rates and charges following. (T)
- F. Usage rates, as appropriate for Local Optional Service Option B are specified in Section A3. Usage rates for all originating minutes of use under Usage Option Plans are specified in this section of the *guidebook*. (T)
- G. IRS will be available where central office and outside plant facilities permit.
- H. (DELETED)
- I. IRS served from a central office other than the central office the subscriber would normally be served from will require interoffice facilities as provided in this Section of this *Guidebook* per DSL. Any non-ISDN interoffice facilities connecting to this service will follow the *terms and conditions* in Section A9. (T)
Existing customers may convert to the Interoffice Circuits in this Section of the *Guidebook* or they may continue to pay rates for interoffice facilities from Section A9 until they make changes or additions. Existing customers choosing to convert interoffice facilities will not be charged the installation charge for Interoffice Circuits. Appropriate charges from Section A4. are also not applicable for these conversions. Any changes or additions completed at the time of conversion will be charged the appropriate Installation charges. When the customer requests changes or additions to existing interoffice facilities, they must subscribe to the Interoffice Circuits from this Section of the *Guidebook*. (T)
At the Company's option, when the normal serving central office is not equipped for ISDN, a customer may be served with ISDN from another central office. When the Company elects this serving arrangement, the interoffice charges will not apply. IRS customers to be served under this arrangement must sign an agreement the service will be moved back to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. Should the customer request to be served from an ISDN equipped central office other than the normal serving central office, the appropriate interoffice or interexchange charges will apply.
- J. Each ISDN Basic Rate DSL Access Arrangement will be counted as one line in determining the application of the Service Charges specified in Section A4. and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, Inc., FCC No. 1, Section 4. (T)

A42.2.3 Definitions

B CHANNEL

A bidirectional synchronous channel capable of supporting 64 Kbps of digital transmission.

D CHANNEL

A 16 Kbps digital signaling channel also capable of supporting 9.6 Kbps of packet information for the Basic Rate Interface.

64 KBPS CLEAR CHANNEL CAPACITY (CCC)

A B channel connection that provides end-to-end digital connection in which all 64 Kbps of bandwidth are available for customer use.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.4 Rates and Charges (Cont'd)

C. Interface Users (Cont'd)

1. Per User/Terminal Profile - (Cont'd)
 - e. (DELETED)

D. Usage

1. Circuit Switched Voice and Data (Measured Only)
 - a. Per minute rates for usage on all circuit switched services (Voice and/or Data) and *terms and conditions* for Local Optional Service Option B are defined in A3. (T)
 - b. Usage above the minutes of use per DSL allowed under selected Usage Option Plans will be billed at the per minute of use rate listed following per channel in use:
 - (1) Per Minute of Use above Usage Plan Allowance

	Rate Per Minute of Use	
(a) 60 Hour Allowance	0.03	N/A
(b) 240 Hour Allowance	0.01	N/A

E. Packages

1. Packages EZ1, EZ1A, EZ2 and EZ2A are available for use with IRS on National ISDN lines. The packages will not be available on Custom ISDN lines. A credit will be applied to the monthly billing for customers purchasing IRS via one of these packages. Packages must be ordered exactly as stated in the descriptions of the packages. If any feature listed in the package is deleted or provisioning options are changed, the package credit will no longer apply.

Additional optional features compatible with the package configurations are allowed with the packages. Additional features may be added only on the User Profile already provisioned with features.
2. Description of Packages -
 - a. Package EZ1 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button.
 - b. Package EZ1A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop Hold, & Transfer, 1 Call Forwarding Variable - Button., Visual Message Waiting, Call Forwarding Busy Line, Call Forwarding Don't Answer. Voice mail service will be allowed with this package.
 - c. Package EZ2 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., 2 Secondary DN's.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

2. The following features are available with either Custom ISDN or National ISDN. National ISDN customers may purchase these features for use with either EKTS sets or non-EKTS sets. (Cont'd)

- g. Conference, Drop, Hold and Transfer (Cont'd)

This feature may require an additional call appearance or an additional DN.

- h. Six-Way Conference, Drop, Hold and Transfer - This feature has the same functionality as Conference, Drop, Hold, Transfer feature except that six-way conference is allowed.

- i. Speed Calling - This feature allows each user to assign up to thirty telephone numbers to a two-digit code for the purpose of enabling abbreviated dialing.

- j. Calling/Called Number Delivery/Calling Name Delivery-National ISDN - This feature provides the user who is receiving/originating a call with information about the calling/called party and the facility or destination and is provided with IRS. Some "privacy" options may be in effect in certain areas and will be located in Section A13.

(T)

- k. (DELETED)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 BellSouth Primary Rate ISDN

A42.3.1 General

- A. BellSouth Primary Rate ISDN is an intraLATA offering supported by the Integrated Services Digital Network (ISDN) architecture.
- B. BellSouth Primary Rate ISDN provides an ISDN based, DS1 access to the telecommunications network and includes the flexibility of integration of multiple voice and/or data transmission channels on the same line. The service will provide connectivity between ISDN compatible CPE and a serving central office. The Service may not be installed at a carrier hotel, a collocation cage, or any similar location. The basic channel structure for BellSouth Primary Rate ISDN is twenty-three 64 Kbps B-Channels and one 64 Kbps D-Channel. The customer has the option to activate up to 23 B-Channels on the first BellSouth Primary Rate ISDN arrangement and up to 24 channels on additional BellSouth Primary Rate ISDN arrangements. A Digital Data Only¹ option and an Inward Data Option are also available. The 23 B-Channels can be used to connect the customer's CPE to the Public Circuit Switched Network, e.g., outward, inward and 2-way network access. Calling Number Delivery, Called Number Delivery, Outgoing Calling Name Delivery and Hunting functionality are inherent to this service. Incoming Calling Name Delivery, an optional feature offered at rates listed in A42.3.4.D.5. is available in switch types where equipped. Redirecting Number, an optional feature described in A42.3.3, is offered at no charge to the customer in switch types where equipped. Telephone numbers for use with BellSouth Primary Rate ISDN are available in this Section. One Directory Listing will be furnished at no charge for each BellSouth Primary Rate ISDN B-Channel. Additional listings can be obtained as specified in Section A6.
- C. BellSouth Primary Rate ISDN provides capability for the transmission of digital signals only. Clear Channel Capability and Extended Superframe Format are inherent to the service.
- D. BellSouth Primary Rate ISDN is provided within a LATA from wire centers where appropriate ISDN facilities are available as determined by the Company. Special Construction charges may apply as specified in Section A5.
- E. BellSouth Primary Rate ISDN Access Lines furnished between a serving wire center and a customer's premises will be offered at a non-distance sensitive rate per BellSouth Primary Rate ISDN Access Line. If a customer wishes to utilize another Company provided transport facility, e.g., SMARTRing service, that can meet the required standards to carry the BellSouth Primary Rate ISDN Access (DS1) Line, the customer will incur no charge for the BellSouth Primary Rate ISDN Access (DS1) Line. MegaLink service cannot be utilized to provide transport for BellSouth Primary Rate ISDN except where the BellSouth Primary Rate ISDN is terminated in FlexServ service. Asynchronous Transfer Mode (ATM) Service can be utilized to transport BellSouth Primary Rate ISDN Voice/Data – Flat Rate under the *terms and conditions* stated in A42.3.2.CD. (T)
- F. Interoffice Channels furnished between central offices will be charged at rates based on airline distance between the central offices, except as provided in A42.3.2.Q. following.
- G. Airline distance between Company central offices shall be developed using the methodology found in B3.3.3 of the Private Line Guidebook. Fractional mileage shall be rounded up to the next full mile.
- H. The required components for BellSouth Primary Rate ISDN are as follows:
 - BellSouth Primary Rate ISDN Access Line where applicable
 - Interoffice Channels where applicable
 - BellSouth Primary Rate ISDN Interface
 - BellSouth Primary Rate ISDN B-Channels
 - BellSouth Primary Rate ISDN D-Channel
 - Telephone Numbers
 - Call Types

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 BellSouth Primary Rate ISDN (Cont'd)

A42.3.2 General (Cont'd)

P. (Cont'd)

3. For ERS Final Route Arrangements the customer must purchase ERS RTNs in the target local calling area(s). Calls that terminate to these RTNs are switched over intraLATA toll message trunk groups to the customer's local serving central office where they terminate on ERS Final Route Primary Rate Interfaces and ERS Final Route B-Channels, via an ERS Final Telephone Number (FTN). A BellSouth Primary Rate ISDN Access Line or other Company provided transport facility is required for connection to the customer's local serving central office.
4. Calls may be overflowed from an ERS Dedicated Route Arrangement to an ERS Final Route Arrangement by utilizing the Overflow Feature for ERS Dedicated Route Arrangements. When all facilities are busy on the Customer's Dedicated Arrangement from a particular target local calling area, the Overflow Feature allows additional calls to be switched over intraLATA toll message trunk groups to the customer's local serving central office, where they terminate on ERS Final Route Primary Rate Interfaces and B-Channels, via an ERS FTN. A BellSouth Primary Rate ISDN Access Line or other Company provided transport facility is required for connection to the customer's local serving central office.
5. ERS is jointly provided with other telephone companies only where technically feasible and where mutually agreed upon by the telephone companies involved.

- Q.** Calling Name/Number Delivery provides the user who is receiving a call with information about the calling party. Calling names/numbers will be delivered within the Common Channel Signaling System 7 serving area unless delivery is blocked by the customer's equipment.

A42.3.2 Terms and Conditions

- (T)
- A.** BellSouth Primary Rate ISDN is available on a month-to-month basis or under variable rate periods, with rates based on lengths of twelve to twenty-three months, twenty-four to forty-eight months¹ or forty-nine¹ to seventy-two¹ months under conditions specified in the Channel Services Payment Plan (CSPP) in B2.4 of the Private Line Guidebook and as stated following:
1. A volume discount schedule is available to customers under month to month or contract rates as described in A42.3.4.E. A rate discount for BellSouth Primary Rate ISDN Interfaces is calculated based upon the quantity of BellSouth Primary Rate ISDN Interfaces on a billing account. In addition, a discount for BellSouth Primary Rate ISDN B-Channels is calculated based upon the number of BellSouth Primary Rate ISDN B-Channels on a billing account.
 2. A Termination Liability Charge is applicable if service is terminated prior to expiration of the contract. The applicable charge is equal to fifty percent (50%) of the monthly charges times the number of months remaining in the contract.
 3. A Termination Liability Charge shall not apply for the termination of B-Channels prior to the expiration of the contract.
 4. During the last ninety (90) days of a CSPP contract or an existing term extension as provided in this paragraph, in addition to the Renewal Options stated in B2.4.9.A.7., customers may extend their CSPP contract with the same rates, terms and conditions for up to two additional 6-month term extensions and two additional 12-month term extensions, in any combination. Term extensions may include associated transport rate elements as provided in A42.3.4. However, term extensions are not available for other Company provided transport facilities services being utilized to provide BellSouth Primary Rate ISDN, as described in A42.3.1.E. The availability of this term extension option at any time is subject to the Company's right to discontinue or to otherwise change this option. Customers who exercise the term extension are not entitled to a different rate based on the overall term as extended (e.g., customers who initially have a 36-month CSPP and extend it by an additional 24 months are not entitled to the rates allowed under a 60-month CSPP). An extension will begin on the expiration date of the existing CSPP or term extension. The customer will be required to sign an addendum to their CSPP contract for each term extension.

During the 6-month term contract extension period(s), the customer may terminate the service, or any service components, at any service location on thirty (30) days' notice without incurring a Termination Liability Charge.

Requests to terminate a 12-month term extension prior to the end of the term shall generate a Termination Liability Charge. Termination Liability Charges shall be calculated for each 12-month extension, as a separate service term agreement, as illustrated in 2. and 3., preceding.
- B.** Nonrecurring charges associated with the BellSouth Primary Rate ISDN Access Line or Interoffice Channel facilities will not be applicable when upgrading from an existing MegaLink service to BellSouth Primary Rate ISDN. A Service Change Charge as specified in A42.3.4.G. will be applicable for the MegaLink service upgrade in addition to nonrecurring charges for other BellSouth Primary Rate ISDN rate elements ordered.

Note 1: Effective October 1, 2013, customers may not establish new term plans greater than 36 months for BellSouth Primary Rate ISDN, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 BellSouth Primary Rate ISDN (Cont'd)

A42.3.2 Terms and Conditions (Cont'd)

- C. No nonrecurring charges will be applicable when converting MegaLink ISDN service to BellSouth Primary Rate ISDN or for converting from one BellSouth Primary Rate ISDN option to another, e.g. Voice/Data to Inward Data or Inward Data to Inward Data Extended Reach Service (ERS). The term "conversion" means that the Primary Rate Interface(s) remain in place in the same central office. If the Primary Rate Interface(s) are moved in connection with ERS, the change is considered a rearrangement and *terms and conditions* stated in D. following are applicable. No termination charges are applicable for conversions when:
1. The contract selected for the new BellSouth Primary Rate ISDN arrangement is coterminous with the previous contract or is for a 24 month period, whichever is longer, and,
 2. The service orders to disconnect the previous arrangement and to install the new BellSouth Primary Rate ISDN arrangement are related together and received by the Company at the same time with no lapse in billing of service.
- D. Rearrangement charges stated in A42.3.4.G. are applicable for moves of Primary Rate Interfaces from one central office to another in connection with the initial installation of Inward Data ERS or for subsequent moves of Primary Rate Interfaces from one central office to another for ERS Final or Dedicated arrangements. Termination Liability charges are not applicable if the number of Primary Rate Interfaces is not reduced.
- E. Upgrades, from a MegaLink service and/or a MegaLink channel service contract arrangement, are permitted with no Termination Liability when:
1. A new contract is selected for the BellSouth Primary Rate ISDN equal to or greater in length than the arrangement being terminated, and
 2. The service orders to disconnect the MegaLink channel service arrangement and to install the BellSouth Primary Rate ISDN are related together and received by the Company at the same time with no lapse in billing of service.
- F. The minimum subscription period for which month-to-month BellSouth Primary Rate ISDN is furnished and for which charges are applicable is one month.
- G. Unless otherwise specified, the *terms and conditions* for BellSouth Primary Rate ISDN stated herein apply in addition to the *terms and conditions* set forth in Section A2. (T)
- H. Customer Premises Equipment (CPE) that is compatible with the BellSouth Primary Rate ISDN interface is the responsibility of the customer.
- I. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provisioning of BellSouth Primary Rate ISDN render any facilities provided by the customer obsolete, or require modification or alteration of such equipment or system, or otherwise affect its use or performance. Digital transmission rates at speeds less than those indicated may be accomplished as a function of the particular CPE furnished by the customer..
- J. Suspension of service is not allowed.
- K. *Terms and conditions* for Allowance of Interruptions apply as specified in Section B2. of the Private Line Guidebook. (T)
- L. Service Charges in Section A4. do not apply.
- M. Hunting rates, Direct Inward Dialing (DID) rates, Customized Code Restriction rates, Selective Class of Call Screening rates, and Foreign Exchange rates do not apply.
- N. Verification and Emergency Interrupt service is not available.
- O. Calling telephone numbers transmitted via BellSouth Primary Rate ISDN are intended solely for the use of the BellSouth Primary Rate ISDN subscriber. Resale of this information is prohibited except the caller's telephone numbers may be provided to the subscriber's client for those calls sponsored or provided by that client where the client's identity is disclosed to the caller and the client agrees not to distribute such information to others.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 BellSouth Primary Rate ISDN (Cont'd)

A42.3.2 Terms and Conditions (Cont'd)

(T)

- P.** Non-facility Associated Signaling (NFAS) provides the capability to control multiple DS1s with a single D-Channel. This feature can be ordered where switch capabilities exist as stipulated in the vendor technical documentation and where switch capacity exists. When NFAS is selected, the customer will order one BellSouth Primary Rate ISDN arrangement with one D-Channel and up to 23 B-Channels. Additional BellSouth Primary Rate ISDN arrangements are ordered with up to 24 B-Channels at rates and charges provided in A42.3.4. The D-Channel activated on the initial arrangement serves the additional BellSouth Primary Rate ISDN arrangements. If the customer desires, he may also request a back-up D-Channel with the NFAS option. The Voice/Data (Standard) BellSouth Primary Rate ISDN, the Digital Data Only option¹, and the Inward Data option may not be mixed in the same NFAS group.
- Q.** When a customer's normal serving central office is not equipped to provide BellSouth Primary Rate ISDN, the customer may be served, at the Company's option, from an equipped central office without incurring interoffice channel charges. BellSouth Primary Rate ISDN customers to be served under this arrangement must sign an agreement that the service may be moved back at the Company's discretion to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. This is referred to as the Alternate Network Serving Arrangement (ANSA). If a customer, under ANSA, requests BellSouth Primary Rate ISDN from an ISDN equipped central office other than that determined by the Company, interoffice channel charges as specified in A42.3.4.B will apply. Also, if a customer requests BellSouth Primary Rate ISDN from a central office other than their normal serving office and ANSA does not apply, interoffice channel charges will apply as specified in A42.3.4.B. ANSA does not apply for Inward Data Extended Reach Service.

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 BellSouth Primary Rate ISDN (Cont'd)

A42.3.2 Terms and Conditions (Cont'd)

- R. The BellSouth Primary Rate ISDN - Digital Data Only option¹ provides for the transmission of data mode calls only. The BellSouth Primary Rate ISDN - Digital Data Only arrangement will be provisioned with the customer's requested number of Digital Data Only B-channels with no B-channels capable of transmitting voice mode calls in the same arrangement.(T)
- S. The BellSouth Primary Rate ISDN Inward Data option provides for the transmission of inward analog and digital data calls only.
- T. *Terms and conditions* in Section A2. prohibiting the mixing of flat and message or flat and measured service do not apply for BellSouth Primary Rate ISDN.(T)
- U. No usage charges apply for calls within the local calling area for BellSouth Primary Rate ISDN customers utilizing the Flat Rate BellSouth Primary Rate ISDN B-Channel. Long Distance Message Telecommunications Service rates as specified in Section A18. apply for intraLATA calls terminated beyond the local calling area.
- V. The following usage *terms and conditions* will apply for all dialed sent-paid local calls for BellSouth Primary Rate ISDN customers utilizing the Usage Sensitive BellSouth Primary Rate ISDN B-Channel:(T)
- 1. Usage charges for calls within the Basic and Expanded Local Calling Areas will be billed at the usage rates described in Section A3.2.10 for Local Optional Service Option B.
- 2. Summarized total usage charges for calls within the Basic and Expanded Local Calling Areas will be reduced by fifty percent prior to the application of the usage allowance. Time/Day discounts described in Section A3.2.10 do not apply.
- 3. A usage allowance of \$20.00 per activated B-Channel is applicable for all local calls terminating in Bands 0-E.
- 4. Total billed usage charges above the allowance will not exceed \$20.00 per activated B-Channel for calls terminating in Bands 0-E.
- 5. Local calls that are not dialed sent paid, i.e., operator assisted, mechanized calling card, etc, will be billed individually at the same usage rates specified in Section A3.2.10 (including Time/Day usage provisions), in addition to any applicable Local Calling Card Service or Operator Assisted Local Call surcharges. Such calls are itemized on the subscriber's billing statement and are billed outside any applicable calling allowance or usage billing reductions for dialed sent paid local calls.
- W. The Next Route Index Feature allows a BellSouth Primary Rate ISDN Digital Data Only¹ customer to arrange analog calls to overflow to a Voice/Data arrangement in the same switch or allows the customer to overflow analog and digital calls to a Voice/Data arrangement in the same switch. These same capabilities are available to a BellSouth Primary Rate ISDN Inward Data customer to overflow calls to a Voice/Data arrangement in the same switch. It does not allow Voice/Data or Inward Data calls to overflow to a Digital Data Only arrangement nor does it allow Voice/Data or Digital Data Only calls to overflow to an Inward Data arrangement.
- X. BellSouth Primary Rate ISDN Digital Data Only¹ Signaling Groups may be configured in one of the following four standard arrangements of call types:(T)
- 1. Inward Calls: The number of Inward calls accommodated by the Signaling Group will be equal to the number of activated B-channels.
- 2. Outward calls: The number of Outward calls accommodated by the Signaling Group will be equal to the number of activated B-channels.
- 3. Inward calls and Outward calls: The maximum number of simultaneous calls for each call type is determined by the customer. For each call type, the maximum number of simultaneous calls must be less than or equal to the number of activated B-channels in the Signaling Group.
- 4. 2-Way calls: The number of 2-Way calls accommodated by the Signaling Group will be equal to the number of activated B-Channels.
- Y. The Company reserves the right to audit the customer's traffic usage for the Incoming Call Extension feature to insure that simultaneous calls are not occurring on the low use option. If such calls are occurring, the customer will be required to subscribe to the high use option.
- Z. The Service Installation Guarantee as set forth in B2.4.17 of the Private Line Guidebook applies for BellSouth Primary Rate ISDN.

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 BellSouth Primary Rate ISDN (Cont'd)

A42.3.2 Terms and Conditions (Cont'd)

AA. (Obsoleted, See Section A142.3)

BB. The provisions stated under B2.4.14 Cancellation of a Service Order apply for BellSouth Primary Rate ISDN with one exception. The customer must accept service within 45 calendar days after the original service date rather than 30 calendar days as stated in B2.4.14 or choose one of the following options:

- The service order shall be cancelled and charges as set forth in B2.14.14 will apply, or
- Billing for the service will commence on the 46th day beyond the original service date of the service order.

CC. Customer requested changes from BellSouth Primary Rate ISDN to intrastate or interstate Fast Packet Services and associated transport under a contract payment plan are permitted with no termination liability when:

1. A new contract is selected for the Fast Packet Service equal to or greater in length than the BellSouth Primary Rate ISDN arrangement being terminated, and
2. The service orders to disconnect the BellSouth Primary Rate ISDN and to install the Fast Packet Service are related together and received by the Company at the same time with no lapse in billing of service.

DD. ATM Service can be utilized to provide transport for BellSouth Primary Rate ISDN Voice/Data – Flat Rate under the following conditions:

1. The Unstructured Circuit Emulation Customer Connection - PRI over ATM rate element specified in A40.8 applies for each Voice/Data Flat Rate Interface transported via ATM. Other ATM rates are applicable as stated in A40.8. (T)
2. Interoffice Channel rates stated in A42.3.4 following apply when the Primary Rate ISDN switch and the ATM switch are not located in the same central office.
3. Rates for the B-Channel to be used with ATM are specified in A42.3.4 following.
4. In accordance with *terms and conditions* governing the provisioning of local exchange service via BellSouth Primary Rate ISDN Service, the PVC Segment associated with the Unstructured Circuit Emulation Customer Connection - PRI over ATM may only be mapped to a PVC Segment associated with a local ATM Service Customer Connection whose service terminates to a premises within the same LATA as the BellSouth Primary Rate ISDN Service switch. (T)

EE. The PRI Overflow feature for Voice/Data Arrangements allows calls to overflow from a customer's Voice/Data PRI Arrangement to a telephone number. The calls must overflow to a BellSouth business telephone number residing in the same central office switch as the customer's Voice/Data PRI Arrangement.

A42.3.3 Definitions

CALL-BY-CALL CAPABILITY

The term "Call-by-Call" denotes the ability of a BellSouth Primary Rate ISDN B-Channel to carry a call of any call type (e.g., Inward, Outward, or 2-Way) as needed. This is distinct from other technologies where transmission channels are, due to technical limitations, segregated by call types.

CALL TYPES

The term "Call Types" denotes the use of three types of Simulated Facility Groups (SFGs) available with BellSouth Primary Rate ISDN which are described as Inward, Outward, and 2-way

D-CHANNEL

The term "D-Channel" denotes a 64 Kbps digital signaling only channel for call establishment when used with BellSouth Primary Rate ISDN.

D-CHANNEL BACKUP

D-Channel Backup (DCBU) provides one of the DS-1's in the NFAS arrangement with a spare D-Channel. This spare D-Channel is used to control signaling and call setup if the main D-Channel fails. The main D-Channel and the spare D-Channel are never provided on the same DS-1. The channel configuration for NFAS with DCBU arrangements may be described as pB+2D where $1 \leq p \leq 478$. Thus, the maximum channel configuration for a NFAS with DCBU arrangement is 478B+2D.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 BellSouth Primary Rate ISDN (Cont'd)

A42.3.4 Rates and Charges (Cont'd)

D. Optional Offerings

1. ANSA - Interoffice Mileage per BellSouth Primary Rate ISDN Access Line - No Rate (Provisioning USOC: 2LHLM)

	Nonrecurring Charge	Month to Month	12 to 23 Months	24 to 48 ³ Months	49 to 72 ³ Months	USOC
2. Incoming Call Extension – Same Rate Center						
(a) (Obsoleted - See Section A142)						PR7N1
(b) (Obsoleted - See Section A142)						PR7N2
(c) (Obsoleted - See Section A142)						PR7N3
(d) ICE-SRC, Per telephone number in the same rate center	-	\$.20	-	-	-	PR7TF
3. Incoming Call Extension – Different Rate Center						
(a) ICE-DRC, Per number -Month-to-Month Option	\$ 10.00	.40	-	-	-	PR7NZ
(b) ICE-DRC, Per number -Term Plan Option	na	-	\$.35	\$.30	\$.25	PR7NZ
4. Next Route Index Feature						
(a) Per analog arrangement	100.00	30.00	28.50	27.00	25.00	PR7GX
(b) Per analog and digital arrangement	100.00	30.00	28.50	27.00	25.00	PR7GY
5. Overflow Feature for Extended Reach Service Dedicated Route Arrangement						
(a) Per Remote Telephone Number	100.00	54.00	52.00	50.00	46.00	PR7AU
6. Calling Name Delivery Feature ¹						
(a) Per Primary Rate Interface	-	100.00	85.00	75.00	69.00	PR7CN
7. Redirecting Number Feature per Primary Rate Interface – No Rate (Provisioning USOC: PR7RN)						
8. PRI Overflow Feature for Voice/Data Arrangements						
(a) Per analog and digital arrangement	100.00	30.00	28.50	27.00	25.00	PR7OF
9. Secondary Calling Name Delivery ^{1, 2}						
(a) Per number	10.00	4.00	4.00	4.00	4.00	PR7SN

Note 1: Listings for this service are subject to *terms and conditions* specified in Section A6. for directory listings. (T)

Note 2: Each number requires an additional listing.

Note 3: Effective October 1, 2013, customers may not establish new term plans greater than 36 months for BellSouth Primary Rate ISDN, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months.