

TARIFF DISTRIBUTION

FILE PACKAGE NO.: AL-15-0042

DATE: February 4, 2015

STATE: ALABAMA

EFFECTIVE DATE: 02/04/2015

TYPE OF DISTRIBUTION: Approved

PURPOSE: General Exchange Guidebook Cleanup -- Section A42

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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)

A42.1.1 General

- A. Effective April 30, 1998 ISDN - Business Service will be offered only under a Flat Rate Threshold Pricing Plan or a Usage Option Plan.
1. The Flat Rate Threshold Pricing Plan plan allows up to 320 hours of use each month per DSL at the flat rate. Minutes of use rates will apply for all usage above the 320 hours per DSL threshold.
 2. Usage Option Plans will be available for various thresholds of local use only on National ISDN lines. Usage Option Plans not available for IBS lines associated with a Centrex based system.
 - a. Usage Option Plan A - The Basic Local Calling area for Usage Option Plan A will be the LATA boundary. Local usage under Usage Option Plan A will be recorded on originating calls terminating within the LATA. Minutes of use rates will apply for all local usage. This plan is limited to outward only service.
 - b. Usage Option Plan B will have unlimited usage inside the Extended Local Calling Area. The Extended Local Calling Area for Usage Option Plan B will be the Basic Local Calling Area plus the Extended Calling Area as described in Section A3.
 3. The following stipulations apply only when the IBS line from which the call originates subscribes to a Usage Option Plan.

Calls completed with automated calling cards or operator assistance within the Basic Local Calling Area and Extended local calling area will be rated at the Usage Option Plan usage charges in addition to the appropriate Operator Assisted Local Call surcharges. Such calls are itemized on the subscriber's billing statement and are billed outside any applicable usage allowances or caps.

4. Reduced toll rates as specified in this section of the *guidebook* will be applied to toll calls outside the Extended Local Calling Area but within the LATA for all calls billed to a IBS line subscribing to Option Plan B. Operator assisted charges as specified in A3. apply to operator handled and credit card calls in addition to the usage charges specified.

(T)

All IBS lines in an earning account must be in the same type Plan, i.e., all Usage Option Plan A's, Threshold, etc. Hunting between various types of plans will not be allowed.

A minimum service period of three months will be required on IBS lines whether established under a Flat Rate Threshold Pricing Plan or a Usage Option Plan. Termination Charges as defined in this Guidebook will apply if the customer terminates or disconnects the service prior to fulfilling the three months period.

- B. ISDN - Business Service (IBS) is a new intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture.
- IBS supports simultaneous transmission of voice and data services on the same exchange access line. Calling/Called Number Delivery, Calling Name Delivery Hold are included with this service. IBS is available where facilities permit.
- C. IBS provides a new method of access to the telephone network called Basic Rate Access. Basic Rate Access will consist of one or two 64 Kbps (B) channels and one 16 Kbps (D) channel at the service delivery point.
- D. IBS is provided through Basic Rate Access. Features are available to increase the capability of the Bearer Alternative Service and may be subscribed to on an as-needed basis.
- E. B channel circuit switched services offer up to 64 Kbps intra-office transmission of voice or data. This option permits the customer to utilize either circuit voice or data transmission paths on a per call selection basis. Transmission on the B channel will be circuit switched at 64 Kbps within the switch and/or equipped facilities between ISDN compatible central offices. ISDN interconnection to non-ISDN equipped central offices will be potentially subjected to analog transmission or sub-rated to 56 Kbps. This option includes one directory number (DN).

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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

A42.1.1 General (Cont'd)

- F.** IBS will consist of the following components:
- Basic Rate Digital Subscriber Line (DSL) Access
 - At least one channel, either B or D, must be activated. A maximum of two simultaneous B channels can be in use per Basic Rate Access.
 - Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement.
- G.** Grouping Service (Hunting) is available for ISDN Individual Service.

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 50 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.
- E.** Service Charges in Section A4. are applicable per Basic Rate DSL access in addition to rates and charges following.
- F.** Installation charges in this Section will be waived for ISDN Residence Service customers transferring existing service to ISDN Business Service. Appropriate installation charges will be charged for any additions to the service completed at the time of transfer.
- G.** Usage rates will apply for total local usage minutes over the 320 hours allowed under the flat rate Threshold Plan. Usage rates will apply for total local usage minutes under Usage Option Plan A. Usage rates, as appropriate, are specified in this section.
- H.** IBS will be available where central office and outside plant facilities permit.

(T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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

A42.1.2 Terms and Conditions (Cont'd)

- I.** 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. (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. IBS customers to be served under this arrangement must sign an agreement the service will be moved back to his normal serving central office and to a probable number change when/if that office is equipped with ISDN. When the Company elects this serving arrangement, the interoffice charges will not apply. 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 MultiServ service or MultiServ PLUS service that is served from a central office other than the normal central office.

- J.** (DELETED)

- K.** 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.

- L.** IBS lines may be purchased 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 Rate 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 of the Guidebook.

Only 36-120 months contract period 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.

A42.1.3 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.

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)

A42.1.4 Rates and Charges (Cont'd)

E. Packages (cont'd)

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 EZ1-A Credit	-	8.10	LPE1A
(c) Package EZ2 Credit	-	8.10	LPEO2
(d) Package EZ2-A Credit	-	9.60	LPE2A

F. Termination Charges

IBS lines placed in service under Rate Stability Plans after the effective date of this *offering* 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. (T)

1. Termination Charge for 24-59 Mos. Rate Stability Plan if disconnected within:

	Termination Charges	USOC
(a) 1- 12 Months ¹	\$300.00	LPEB2
(b) 13-23 months	200.00	LPEB3
(c) 24-58 months	100.00	LPEB4

2. Termination Charge for 60-120 Mos. Rate Stability Plan if disconnected within:

(a) 1-23 months	300.00	LPEB5
(b) 24-59 months	200.00	LPEB6
(c) 60-119 months	100.00	LPEB7

A42.1.5 Optional Features

Customers are required to subscribe to ISDN - Business Service (IBS) before ordering these features. Calling/Called Number Delivery, Calling Name Delivery, and Call Hold are provided with this service. Features are available to increase the capability of IBS and may be subscribed to on an as needed basis. Availability of features are limited to where facilities permit and may be limited by central office type and switch load.

Where facilities permit, Call Forwarding features will provide for one calling path. Up to nine (9) additional call forwarding paths may be added with a monthly charge per calling path.

A. Optional Features

Availability of features as described in 1. and 2. following is dependent upon whether the central office is equipped with Custom ISDN or National ISDN.

1. Features for use with Electronic Key Telephone Service (EKTS):his option provides a group of features that increase the user's voice terminal flexibility and offers the functionality of a key system to groups of users with EKTS equipment.
 - a. Shared Primary DN - This is a primary DN that appears on one or more terminals.
 - b. Secondary-Only DN – This is a secondary DN that appears on one or more terminals, but is not the primary DN on any of those terminals.
 - c. Shared Secondary-Only DN – First Appearance – the first appearance of a secondary DN that appears on more than one terminal but is not the primary DN on any of those terminals.

Note 1: This Termination Charge also applies at the date of termination if a customer terminates or disconnects prior to fulfilling the three months minimum service period.

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. 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.
 - a. Call Forwarding Variable - This feature allows the ISDN user to have the ability to forward all incoming calls to a user specified directory number.
 - b. Call Forwarding Variable - Feature Button - This feature is the same as Call Forwarding Variable except that it is activated by a feature button.
 - c. Call Forwarding - Busy Line - This feature automatically routes calls to a preselected 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 preselected 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 - 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, 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, Transfer - This feature has the same functionality as Conference, Drop, Hold, 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.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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

A42.2.1 General (Cont'd)

G. (DELETED)

H. (DELETED)

I. IRS will consist of the following components:

- Basic Rate Digital Subscriber Line (DSL) Access
- Two B channels CSV/CSD. A maximum of two simultaneous B channels can be in use per Basic Rate Access.
- Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement.

J. (DELETED)

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)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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

A42.2.2 Terms and Conditions (Cont'd)

- F.** Installation charges in A42.1 will be waived for ISDN Residence Service customers transferring existing service to ISDN Business Service. Appropriate installation charges will be charged for any additions to the service completed at the time of transfer.

(T)
- G.** Usage rates will apply for all local usage minutes over the 200 hours allowed under the Flat Rate Threshold Plan or the Usage Option Plans. Usage rates will apply for total local usage minutes over the minutes allowed under Usage Option Plans A, B, C or D. Usage rates, as appropriate, are specified in this Section.

(T)
- H.** IRS will be available where central office and outside plant facilities permit.

(T)
- 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 per DSL. Any non-ISDN interoffice facilities connecting to this service will follow the *terms and conditions* in Section A9.

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. IRS customers to be served under this arrangement must sign an agreement the service will be moved back to his normal serving central office and to a probable number change when/if that office is equipped with ISDN. When the Company elects this serving arrangement, the interoffice charges will not apply. 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.

(T)
- J.** (DELETED)

(T)
- K.** Each ISDN Basic Rate DSL Access Arrangement will be counted as one line in determining the application of the Service Charges specified in 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. 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. (Cont'd)

- h. Six-Way Conference, Drop, Hold, 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. Visual Message Waiting Indicator - Provides the user of a message service with a visual indication that a message is waiting.
- l. Audible Message Waiting Indicator - Provides the user of a message service with an audible indicator that a message is waiting.
- m. 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).
- n. Call Tracing - This feature enables the customer to initiate an automatic trace of the last call received. Upon activation by the customer, the network automatically sends a message to the Company's Security Department indicating the calling number, the time the call was received, and the time the trace was activated. The customer using this feature would be required to contact the local business office for further action.
- o. Call Return - This feature enables a customer to place a call to the telephone number associated with the most recent call received, whether or not the call was answered or the number is known. The customer can dial a code or press a feature button to request that the network place the call.

If the called line is not busy, the call is placed. If the called line is busy, a confirmation announcement is heard. Once the customer hangs up, the network will monitor the busy/idle status of both lines every forty-five seconds for up to thirty minutes. If during the queuing process both lines become idle, the customer is alerted that the network is ready to place the call. When the customer picks up the telephone, the call will automatically be placed. If unanswered by the customer the alerting will repeat every five minutes until answered, or for the remainder of the thirty minute monitoring interval. Multiple numbers may be placed in queue. The first idle number will be connected first. Both the customer and the called party may originate and receive calls without affecting the call return feature status.

- p. Selective Call Forwarding - Allows the customer to transfer selected calls to another telephone number. A screening list of up to six numbers is created by the customer and placed in the network memory via an interactive dialing sequence. Subsequently, calls are forwarded to the Call Forwarding telephone number only if the calling number can be obtained and is found to match a number on the screening list.

If the customer also subscribes to Call Block and the same telephone number is entered on both screening lists, the Call Block feature must be deactivated to allow the call to be forwarded.

This feature will not work if the incoming call is from a telephone number in a Hunt Group unless the telephone number is the main number of the hunt group, or is Telephone Number identified.

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 Only option¹ 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 on 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.EE. (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. 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)

A42.3.1 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 and the facility or destination. 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

- 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-eight¹ months 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.

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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, *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 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 B2. of the Private Line Guidebook. (T)
- L. Service Charges in A4. do not apply
- M. Hunting rates, Direct Inward Dialing (DID) rates, Customized Code Restriction rates, Selective Class of Call Screening, and Foreign Exchange rates do not apply.
- N. Verification and Emergency Interrupt service is not available.
- O. Calling telephone numbers transmitted via the 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.
- 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 and Digital Data Only option¹ BellSouth Primary Rate ISDN arrangements may not be mixed in the same NFAS group.

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)

- 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.
- 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.
- 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 A3.2.9 for Area Calling Service.
 2. Summarized total usage charges will be reduced by fifty percent prior to the application of the usage allowance. Time/Day discounts described in Section A3.7.4.D. and Section A3.2.9 do not apply.
 3. A usage allowance of \$20.00 per activated B-Channel is applicable for all calls terminating in Bands A, B, C, and D.
 4. Total billed usage charges above the allowance will not exceed \$20.00 per activated B-Channel for calls terminating in Bands A, B, C, and D.
 5. Local calls that are not dialed sent paid, i.e., operator assisted, mechanized calling card, etc, will be billed individually at the same Measured Rate Usage Rates specified in Section A3.7.4 or Section A3.2.9 (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 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.

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)

(T)

- X. BellSouth Primary Rate ISDN Digital Data Only¹ Signaling Groups may be configured in one of the following four standard arrangements of call types:
 - 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.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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

A42.3.3 Definitions (Cont'd)

NON-FACILITY ASSOCIATED SIGNALING

In Non-Facility Associated Signaling (NFAS) arrangements for BellSouth Primary Rate ISDN, a D-Channel controls multiple (up to 20) DS-1 facilities. In NFAS arrangements, the first DS-1 will typically be configured as 23B+D, and all other DS-1's controlled by the D-Channel will be configured as 24B. The channel configuration for NFAS arrangements may be described as mB+D where $1 \leq m \leq 479$. Thus, the maximum channel configuration for a NFAS arrangement is 479B+D.

OUTGOING CALLING NAME DELIVERY

The name that is delivered to Calling Name Display equipment when an outgoing call is placed. This name is defined in A6.2.1. All customer phone numbers will use this name unless Secondary Calling Name Delivery is purchased. (T)

OUTWARD CALL

An Outward call denotes a call that originates on a BellSouth Primary Rate ISDN arrangement¹ and is switched through the BellSouth network.

OVERFLOW FEATURE FOR EXTENDED REACH SERVICE DEDICATED ROUTE ARRANGEMENTS

The Overflow Feature for Extended Reach Service Dedicated Route Arrangements allows calls to overflow from a customer's ERS Dedicated Route Arrangement to the same customer's Final Route Arrangement. When all facilities are busy on the customer's Dedicated Route Arrangement from a particular target local calling area, additional calls 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 B-Channels, via an ERS Final Telephone Number.

OVERFLOW FEATURE FOR VOICE/DATA ARRANGEMENTS¹

The Overflow Feature for Voice/Data PRI Arrangements¹ allows calls to overflow from a customer's Voice/Data PRI Arrangement¹ to a BellSouth telephone number residing in the same central office switch as the customer's Voice/Data Arrangement¹.

BELLSOUTH PRIMARY RATE ISDN ACCESS LINE

A BellSouth Primary Rate ISDN Access Line provides a four-wire access loop from the serving wire center to the customer premises. The transmission characteristics of this loop support Clear Channel Capability and Extended Superframe Format (ESF). When the customer provides this access line, via an acceptable transport facility.

BELLSOUTH PRIMARY RATE ISDN ARRANGEMENT

A BellSouth Primary Rate ISDN Arrangement may be either a single PRI or multiple PRIs that are associated with the same phone number or phone numbers.

BELLSOUTH PRIMARY RATE ISDN B-CHANNEL

A BellSouth Primary Rate ISDN B-Channel - provides circuit switched service that will allow either voice or data transmission at up to 64 Kbps and will include the functionality of hunting and calling/called number delivery.

BELLSOUTH PRIMARY RATE ISDN SERVICE D-CHANNEL

A BellSouth Primary Rate ISDN D-Channel - provides a 64 Kbps digital signaling-only channel for call establishment and control.

BELLSOUTH PRIMARY RATE ISDN INTERFACE

A BellSouth Primary Rate ISDN Interface - provides multiplexing to support up to 23 B-Channels at 64 Kbps and one D-Channel for signaling also at 64 Kbps. When Non-facility Associated Signaling (NFAS) is ordered, the BellSouth Primary Rate ISDN Interface can provide up to 24 B-Channels at 64 Kbps. One BellSouth Primary Rate ISDN Interface is required for each BellSouth Primary Rate ISDN Access Line.

REDIRECTING NUMBER FEATURE

This feature provides delivery of up to two Redirecting Numbers on a terminating Primary Rate Interface. When a call is redirected by a line to a Primary Rate Interface, the directory number of the redirecting line is passed by the switch to the terminating Primary Rate Interface along with the calling party number.

Note 1: A BellSouth Primary Rate ISDN Arrangement may be either a single PRI or multiple PRIs that are associated with the same phone number or phone numbers.

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

	Nonrecurring Charge	Month to Month	12 to 23 Months	24 to 48 ³ Months	49 to 72 ³ Months	USOC
1. ANSA - Interoffice Mileage per BellSouth Primary Rate ISDN Access Line - No Rate (Provisioning USOC: 2LHLM)						
2. Incoming Call Extension – Same Rate Center						
(a) (Obsoleted – See Section A142)						
(b) (Obsoleted – See Section A142)						
(c) (Obsoleted – See Section A142)						
(d) ICE-SRC, Per number in the same rate center ¹		\$.20	-	-	-	PR7TF
3. Incoming Call Extension – Different Rate Center						
(a) ICE-DRC, Per number						
Month-to-Month Option	\$ 10.00	.40	-	-	-	PR7NZ
Term Plan Option	n/a	-	\$.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						
(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 ²						
(a) Per number	10.00	4.00	4.00	4.00	4.00	PR7SN

Note 1: These rates apply only to new ICE-SRC service ordered on or after June 14, 2004.

Note 2: Each number requires an additional listing. Listings for this service are subject to *terms and conditions* specified in Section A6. for directory listings. (T)

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.