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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. ISDN - Business Service (IBS) will be offered under a Flat Rate Threshold Pricing Plan or a Usage Option Plan.
1. The Flat Rate Threshold Pricing 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.
 - 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 calls terminated within the LATA. 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 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 Usage 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.

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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 herein 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, data, and packet services on the same exchange access line. Calling/Called Number Delivery, Calling Name Delivery, and Call 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.
- H. IBS lines under the Flat Rate Threshold Pricing Plan or the Usage Option Plans will be an exception to Section A2. and can be mixed with either flat rate, message or measured lines at the same location.

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 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 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.
- G. Usage rates will apply for originating all minutes of use over the 320 hours allowed under the flat rate Threshold Plan. Usage rates will apply for all originating minutes of use under Usage Option Plan A. Usage rates, as appropriate, are specified in this section.

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A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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

A42.1.2 Terms and Conditions (Cont'd)

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

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 customer's 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 Circuits 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 service central office.

- J.** 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 of MultiServ service or MultiServ PLUS service will apply to these IBS lines except as otherwise stated in this Section.

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 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.

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

IBS lines associated with MultiServ service or MultiServ PLUS service will purchase Basic Rate DSL Access Arrangements, Channels Activated - Flat Rate and Interface Users rate elements for provisioning the IBS lines, except as indicated in this Section.

- K.** 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.

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.

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)

D. Usage (Cont'd)

2. Usage Outside the Expanded Local Calling Area but inside the LATA.

The following charges apply per channel in use for customer dialed calls originated from and billed to a IBS line equipped for Optional Usage Plan B when calls terminate outside the Expanded Local Calling Area but inside the LATA.

**Rate Per
Minute of Use
\$.09**

- (a) Per Minute of Use

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.

The addition of one D-Channel Low Speed Packet is allowed per package.

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	LPE01
(b) Package EZ1A Credit	-	8.10	LPE1A
(c) Package EZ2 Credit	-	8.10	LPE02
(d) Package EZ2A Credit	-	9.60	LPE2A

F. Termination Charges

IBS lines placed in service under Rate Stability Plans after the effective date of this *guidebook* 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. IBS lines associated with MultiServ service or MultiServ PLUS service will apply Termination Charges as listed for MultiServ service and MultiServ PLUS service instead of the Termination Charges listed in this section.

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.

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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)

- 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).
- p. 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.
- q. 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.

- r. Preferred 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)

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

A42.1.5 Optional Features (Cont'd)

B. Rates and Charges (Cont'd)

1. Optional Features (Cont'd)

b. Optional Circuit Switched Features for use with non-EKTS or EKTS CPE (Cont'd)

	Installation Charge	Month To Month	Rate Stability ¹ Monthly Rate		USOC
			24-59 Mos. Plan	60-120 Mos. Plan	
(10) Six-Way Conference, Drop, Hold and Transfer ²					
(a) Per user profile	\$2.00	\$12.00	\$9.50	\$7.00	LLY6P
(11) Hunt Group - Voice or Voice/Data ^{3,6}					
(a) Per flat rate line	-	-	-	-	HTG
(b) Per measured rate line	-	-	-	-	HTGAP
(c) Per message rate line	-	-	-	-	HTG
(Rates as specified in A3.11 apply)					
(12) Hunt Group - Data (5ESS/EWSD)					
(a) Per line – Data	-	-	-	-	HTGSD
(Rates as specified in A3.11 apply)					
(13) Speed Calling					
(a) Per user	2.00	4.00	2.75	1.50	LLZSU
(14) Visual Message Waiting Indicator					
(a) Per PDN	2.00	.50	.40	.25	LLAVP
(15) Audible Message Waiting Indicator (5ESS/EWSD)					
(a) Per PDN	2.00	.50	.40	.25	MWW
(16) Additional Call Appearance, PDN or DN ⁴					
(a) Each	2.00	2.00	1.00	.50	DS1FG
(17) Call Tracing					
(a) Per user profile ⁵	2.00	4.50	3.25	2.00	NST
(18) Call Return (5ESS/EWSD)					
(a) Per user profile ⁵	2.00	4.00	2.75	1.50	NSS

(T)

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

Note 2: Only one type of Conference, Drop, Hold and Transfer is allowed per user.

Note 3: Voice/Data for use only with DMS.

Note 4: Additional call appearances on PDN or Secondary Only DN – First Appearance will appear on all sets where these numbers appear.

Note 5: Feature to be applied per DN on EWSD

Note 6: Feature to be applied per DN on 5ESS

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.
- 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.
- 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.
- G. Usage rates will apply for all minutes of use over the 200 hours allowed under the Flat Rate Threshold Pricing Plan. Usage rates, as appropriate, are specified in this section.
- H. IRS will be available where central office and outside plant facilities permit.
- 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.

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 customer's 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. (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.

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

A. Interoffice Circuits

1. Per DSL

	Installation Charge	Monthly Rate	USOC
(a) Each, Including first mile	\$240.00	\$115.00	M1GNC
(b) Each additional mile	-	.45	M1GNM

B. Interface

1. Basic Rate DSL Access Arrangement

a. Residence Service

	Installation Charge	Month to Month	Rate Stability Monthly Rate 24-59 Mos. Plan	USOC
(a) (Obsoleted - See Section A142.)				
(b) (Obsoleted - See Section A142.)				
(c) (Obsoleted - See Section A142.)				
(d) (Obsoleted - See Section A142.)				
(e) ISDN Access (5ESS/DMS)	\$130.00	\$-	\$-	LQTR
(f) (DELETED)				
(g) ISDN Access (EWSD)	130.00	-	-	LQTER

2. Channels Activated

a. Up to 2 B channels Circuit Switched Voice/Data

(1) Per DSL

(a) (Obsoleted - See Section A142.)

(b) Flat rate¹

(2) (DELETED)

(3) (DELETED)

-	41.00	37.00	LQGFX
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Note 1: The appropriate flat rate schedule in Section A3. will also apply.

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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)

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

- 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. 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)

l. Visual Message Waiting Indicator - Provides the user of a message service with a visual indication that a message is waiting.

m. Audible Message Waiting Indicator - Provides the user of a message service with an audible indicator that a message is waiting.

n. 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).

o. 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.

p. 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.

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. Incoming Calling Number Delivery, Called Number Delivery, Outgoing Calling Name Delivery and Hunting functionality are inherent to this service. Calling Name Delivery, an optional feature offered at rates listed in A42.3.4.D.5. following, is available in switch types where equipped. Redirecting Number, an optional feature described in A42.3.3 following, 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.C. and D. following. (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.R. 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)
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.
 6. ERS Final Route Arrangement customers physically located within the state of Georgia in the Augusta, Georgia LATA are allowed to subscribe to RTNs in that portion of the Augusta LATA which is located in South Carolina. Also, ERS Final Route Arrangement customers physically located within the state of South Carolina in the Augusta, Georgia LATA are allowed to subscribe to RTNs in that portion of the Augusta LATA which is located in Georgia.
- 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 periods¹, with rates based on lengths of twelve to twenty-three months, twenty-four to forty-eight months² or forty-nine² to seventy-two² 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 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.

Note 1: The terms and conditions for this plan that appear in Section A142. apply to any customer who is receiving this plan as of March 30, 2006, and they will continue to apply until such a customer terminates the plan or changes service locations.

Note 2: 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.

(T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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

A42.3.2 Terms and Conditions (Cont'd)

- (T)
- 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.
- 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:
- (T)
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

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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

A42.3.2 Terms and Conditions (Cont'd)

- 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. Conversions from existing MegaLink ISDN channel service contract arrangement to BellSouth Primary Rate ISDN contract or conversions from one BellSouth Primary Rate ISDN option to another, e.g., Voice/Data to Inward Data, are permitted with no Termination Liability charges applicable 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.
- G. The minimum subscription period for which month-to-month BellSouth Primary Rate ISDN is furnished and for which charges are applicable is one month.
- H. 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)
- I. Customer Premises Equipment (CPE) that is compatible with the BellSouth Primary Rate ISDN interface is the responsibility of the customer.
- J. 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.
- K. Suspension of service is not allowed.
- L. *Terms and Conditions* for Allowance of Interruptions apply as specified in Section B2. of the Private Line Guidebook. (T)
- M. Service Charges in Section A4. do not apply.
- N. Hunting rates, Direct Inward Dialing (DID) rates, Customized Code Restriction rates, Selective Class of Call Screening, and Foreign Exchange rates do not apply.
- O. Verification and Emergency Interrupt service is not available.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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

A42.3.2 *Terms and Conditions* (Cont'd)

(T)

- P. 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.
- Q. 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)

- R.** 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.
- S.** 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.** The BellSouth Primary Rate ISDN Inward Data option provides for the transmission of inward analog and digital data calls only.
- U.** *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)
- V.** No usage charges apply for BellSouth Primary Rate ISDN calls within the local calling area. Long Distance Message Telecommunications Service rates as specified in Section A18. apply for intraLATA calls terminated beyond the local calling area.
- 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:
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.
- AA.** (Obsoleted, See Section A142)
- 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.

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)

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.
2. Interoffice Channel rates stated in A42.3.4 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.
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.

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.

(T)

(T)

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 (Cont'd)

	Nonrecurring Charge	Month to Month	12 to 23 Months	24 to 48 ² Months	49 to 72 ² Months	USOC
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 ¹						
(a) Per number	10.00	4.00	4.00	4.00	4.00	PR7SN

Note 1: 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 2: 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.

A43. CHANNELIZED VOICE TRANSPORT SERVICES

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A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 Channelized Trunks (Cont'd)

A43.1.2 Terms and Conditions

- A. To ensure satisfactory operation, terminal equipment provided by the customer must be compatible with the DS1/1.544 Mbps arrangement provided by the Company. The technical specifications and standard network interfaces for Channelized Trunks are consistent with those specified in Technical Reference Publication 73525. This publication is available from AT&T Telecommunications, Inc., Regional Documentation Coordinator, 20th Floor, 600 North 19th Street, Birmingham, Alabama, 35203.
- B. Unless specified otherwise, Channelized Trunks *terms and conditions* as set forth herein apply in addition to *terms and conditions* as set forth in Section A2. (T)
- C. The capability to utilize FlexServ Service or MegaLink Plus Service in connection with Channelized Trunks is allowed as per *Terms and Conditions* specified herein in addition to those set forth for FlexServ Service in Section A32. or MegaLink Plus Service in Section B7. of the Private Line Guidebook. Minimum requirements to establish and maintain Channelized Trunks as specified following are still applicable. (T)
- D. At a minimum, Channelized Trunks shall consist of one 1.544 Mbps Access Line (or other transport service substitute), one Service Interface, one Channel, and one Telephone Number. Appropriate surrogate elements of service are allowed. These minimal requirements are necessary including connections to the Company's FlexServ Service or MegaLink Plus Service. Quantities not meeting these minimum requirements will be considered a disconnect of Channelized Trunks and Termination Liability Charges will apply as specified in A43.1.4 following.
- E. Suspension of Channelized Trunks is not allowed.
- F. *Terms and conditions* for allowances arising out of mistakes, omissions, interruptions, preemptions or delays, errors or defects in transmission of service apply as specified in A2.5. (T)
- G. Two-way DID Service is not allowed for use with Channelized Trunks.
- H. Foreign Exchange Service is not allowed for use with Channelized Trunks.
- I. The Company does not assume responsibility for the compatibility or suitability of customer's equipment. Dispatches to customer premises caused by customer equipment troubles will result in a Premise Visit Charge as provided in A43.1.4 following. This charge applies to customers for each dispatch required in connection with a customer's service difficulty or trouble report when it is determined that the source of the difficulty or trouble is on the customer's side of the demarcation point. This charge does not include any further isolation work beyond the demarcation point.
- J. Channelization at customers' premises

Channelization at the customer's premises is provided by the customer. Customer premises channelization equipment and any other associated network termination equipment is available through various vendors, including the Company, on a detariffed basis. Joint provisioning of channelized services introduces joint responsibilities between the customer and the Company.

 - 1. Responsibilities of the Company
 - a. The Company will endeavor to activate its portion of joint service in a timely manner on the negotiated date to support installation requirements.
 - b. The Company will provide the customer with information regarding the type and the manufacturer of Central Office (C.O.) channelization equipment to be used in each application.
 - c. The Company will limit its selection of central office equipment to avoid operational and administrative difficulties associated with a multi-vendor central office environment.
 - d. The Company reserves the right to change its equipment vendors should equipment availability, price or technological advantages make such a change attractive or necessary.
 - e. The Company will notify the customer, generally a minimum of six months in advance, of any need to change its central office equipment to allow the customer sufficient time to respond, make any necessary changes, and schedule cooperative testing for cutover if required.
 - f. Digital synchronization timing for Channelized Trunks will be provided by the Company.

A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 Channelized Trunks (Cont'd)

A43.1.2 Terms and Conditions (Cont'd)

(T)

J. Channelization at customers' premises (Cont'd)

2. Responsibilities of the Customer

- a. The customer must be prepared to activate his portion of joint service in a timely manner on the negotiated date, providing testing equipment and personnel to support installation requirements, as may be necessary.
- b. The customer will be responsible for selecting his own equipment. Customer equipment must be compatible with Company-provided channelization at the central office.

3. Trouble Resolutions

The Company will assist the customer in resolving any installation or day to day channel service problems. However, the Company does not assume responsibility for the compatibility or suitability of the customer's equipment. Dispatches to customer premises caused by customer equipment troubles will result in a Premise Visit Charge to the customer, as provided in A43.1.4 following.

A43.1.3 Application of Rates

A. 1.544 Mbps Access Line

Channelized Trunks 1.544 Mbps Access Lines are furnished between customers' premises and the normal Serving Wire center (SWC). Charges are assessed on a flat rate basis. Customers who wish to utilize other Company-provided transport facilities that meet or exceed the required standards to transport Channelized Trunks 1.544 Mbps Access Lines, e.g. LightGate Service, will not incur charges for substitute Channelized Trunks elements.

B. 1.544 Mbps Interoffice Facility

Channelized Trunks 1.544 Mbps Interoffice Facilities are furnished between Company central offices. Charges are assessed in mileage bands based on the airline distance between central offices.

1. Airline distance between Company central offices shall be developed using the methodology in the National Exchange Carrier Association (NECA) Tariff No. 4. Fractional mileage shall be rounded up to the next whole mile.
2. Foreign Exchange Service is not allowed for use with Channelized Trunks 1.544 Interoffice Facilities.
3. Customers who wish to utilize other Company-provided interoffice transport facilities that meet or exceed the required standards to transport Channelized Trunks, e.g. LightGate Service, will not incur charges for substitute Channelized Trunks elements.

C. Service Interface

Service Interfaces are furnished in the Company's central offices and are charged as a single element of service.

D. Channels

Channels are furnished in the Company's central offices for activation of trunks to be transported via the other required elements of Channelized Trunks. Direct Inward Dial (DID), Outward Only and Combination Channel Types are available. For MegaLink Channel Service customers who wish to convert to Channelized Trunks, existing Inward only Network Access Service provisioned as line-side terminations will be converted to DID trunk-side terminations and charges will apply as appropriate.

E. Telephone Number

One Telephone Number is required for each channel activated. There is no charge for Telephone Numbers on Outward Only Channels.

F. Optional Payment Plans

Channelized Trunks monthly rates are available on a month-to-month basis or under variable payment periods¹. Payment periods are based on lengths of twenty-four to forty-eight months, forty-nine to seventy-two months, or seventy-three to ninety-six months. The minimum payment period for Channelized Trunks is one month.

Note 1: Effective July 1, 2014, customers may not establish new variable payment period plans of any length for Channelized Trunks, and existing variable payment period plans may not be renewed. For new service, or for existing service after any variable payment period plan expires, service will be provided only on a month-to-month basis.

A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 Channelized Trunks (Cont'd)

A43.1.3 Application of Rates (Cont'd)

G. (DELETED)

H. Moves to New Locations

Termination Liability Charges do not apply for moves of Channelized Trunks to new locations as long as the original and new premises locations are located in Company territory and within the same state.

I. Customer Change to Higher Order of Service

For Channelized Trunks customers who request a change to a higher order of service, Termination Liability Charges may not apply, subject to Channel Services Payment Plan (CSPP) Disconnect *terms and conditions* as provided in B2.4 of the Private Line Guidebook. (T)

J. Service Order Cancellation Charge

Customers who cancel a service order for the installation of Channelized Trunks are subject to cancellation charges as defined in B.2.4 of the Private Line Guidebook.

K. Service Installation Guarantee

Channelized Trunks is eligible for Service Installation Guarantee as specified in B2.4 of the Private Line Guidebook.

L. Expiration of Optional Payment Plans¹

The Channelized Trunks rates in effect at the time the service is installed and/or as of the application date will be applicable until the expiration of the customer selected payment period. Rates provided under the optional payment periods, other than the month-to-month payment period, will not be increased by Company initiative until the expiration of the customer's specified payment period. At the expiration date of the customer's payment period, the customer will revert to current rates on a Month-to-Month basis.

M. DID Optional Features

Customers who require Direct-Inward Dialing (DID) channels are allowed to choose Dial Pulsing (DP), Multifrequency (MF) Pulsing or Dual Tone Multifrequency (DTMF) Pulsing signaling arrangements. Additional charges, as provided in A12.7, are associated with the MF and DTMF options.

N. Service Order Charges and Grouping Service Charges

Service Order Charges, as provided in Section A4., do not apply to Channelized Trunks.

Grouping Service charges, as provided in Section A3., do not apply to Channelized Trunks.

O. Special Construction Charges

The rates specified for Channelized Trunks contemplate the provision of a digital quality facility over existing interoffice carrier equipment and/or exchange facilities compatible with this service. If new facilities or equipment or changes to existing facilities or equipment are required for the provision of this service, a special construction charge, as specified in Section A5. and based on the cost incurred to make the changes, may apply in addition to the rates and/or charges appropriate for Channelized Trunks.

P. Superframe and Extended Superframe Format

Charges for Superframe and Extended Superframe Format are applicable only to additions or changes in line coding and formatting configurations subsequent to the initial installation of an existing Channelized Trunks 1.544 Mbps Access Line and/or Interoffice Facility.

Note 1: Effective July 1, 2014, customers may not establish new variable payment period plans of any length for Channelized Trunks, and existing variable payment period plans may not be renewed. For new service, or for existing service after any variable payment period plan expires, service will be provided only on a month-to-month basis.

A47. BELLSOUTH REMOTE ACCESS SERVICE

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A47. BELLSOUTH REMOTE ACCESS SERVICE

A47.1 BellSouth Remote Access Service

A47.1.1 General

- A. BellSouth Remote Access Service (RAS) is an intraLATA, extended reach, packet-switched data service that provides for the collection, concentration, signaling and aggregation of a customer's dial-up data traffic into a customer's designated hub site. BellSouth RAS is available as a customer controlled offering. It provides one way ports that allow the customer's users, who are located within the *Company's* serving area, to call into a remote access server. (T)
- B. Remote access server equipment will be installed in a *Company* central office. (T)
- C. BellSouth RAS supports a dedicated, customer selected remote access server with backup dial-in capability or out-of-band frame relay for network management. The customer may select their remote access server based on the Company's approved equipment list for this service.
- D. CPE must support Layer 2 Tunneling Protocol (L2TP) for the customer selected remote access server.
- E. The customer will also be responsible for providing the egress circuit(s) connecting BellSouth RAS to their hub location. Egress circuit(s) are required to deliver the BellSouth RAS traffic to the customer's designated location. These circuits can be ordered from the Company or other telecommunications providers with the execution of appropriate collocation agreements.
- F. BellSouth RAS is furnished in central offices equipped with remote access servers. Service intervals will be negotiated in cities where service is not deployed.
- G. The technical specifications and standard network interfaces for BellSouth RAS are in conformance with the Internet Architecture Board as stated in:
 - STD001, Internet Official Protocol Standards; J. Reynolds, R. Braden, issued June, 1999.
 - RFC 2138, Remote Authentication Dial-In User Service (RADIUS); C. Rigney, A. Rubens, W. Simpson, S. Willens, issued April, 1997.

These documents may be obtained from the Internet Engineering Task Force (IETF) at Corporation for National Research Initiatives, Attention: Accounting Department - IETF Proceedings, 1895 Preston White Drive, Suite 100, Reston, VA 20191-5434 or via Internet at www.ietf.org.
- H. The *terms, conditions* and rates specified herein are applicable to BellSouth RAS. *Terms, conditions* and rates specified in other sections of this and other *Guidebooks* of the Company may also apply. (T)

A47.1.2 Terms and Conditions (T)

- A. Explanation of Terms
 1. Remote Access Server - The remote access server is a type of equipment that will be used to aggregate the customer's dial traffic and send it to the customer location over their egress circuit. The remote access server will be connected to the Public Switched Network using BellSouth Primary Rate ISDN or SS7 circuit facilities.
 2. Ingress Circuits - This term denotes the facility used to transport the customer's incoming dialed BellSouth RAS traffic, e.g. Primary Rate ISDN.
 3. Egress Circuits - This term denotes the facility used to transport the customer's dialed BellSouth RAS traffic to the customer's designated hub location once it has been collected and aggregated by the remote access server (e.g. Broadband Exchange Line).
 4. Extended Reach Area - An area where BellSouth RAS extends the reach from a remote access server to allow users the ability to make "non-local" calls without incurring intraLATA Long Distance Message Telecommunications Service charges.
- B. Basis of Offering
 1. Rates and charges specified in A47.1.3 following, are based on regional volume and term commitments. Customers must specify a regional commitment level and will be rated based on total regional in service volumes. Rating will be as set forth in 8. following.
 2. The minimum regional commitment level for BellSouth RAS is 10,000 ports.
 3. Initial orders for BellSouth RAS, per remote access server central office location, must be equal to or greater than 644 ports. All orders greater than 644 ports must be in increments of 23 ports where capacity allows.

A47. BELLSOUTH REMOTE ACCESS SERVICE

A47.1 BellSouth Remote Access Service (Cont'd)

A47.1.2 Terms and Conditions (Cont'd)

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B. Basis of Offering (Cont'd)

4. Subsequent orders for BellSouth RAS, per remote access server location, must be in increments of 23 ports or 24 ports depending on technology utilized where capacity allows.
5. The minimum service period for BellSouth RAS is twelve months.
6. Month to month rates are not available as an initial service offering.
7. On or after October 23, 2002, BellSouth Remote Access Service initial requests to establish service provides a minimum capacity of 644 one-way ports per dial tone office. Customers in service prior to October 23, 2002 may continue their service with a minimum capacity of 276 one-way ports.
8. In order to benefit from rates appropriate for a higher volume of ports, the customer must notify the Company of that accomplishment. Upon notification, and on a going forward basis to the end of the BellSouth RAS contract period, all ports will be rated to the appropriate volume tier.
9. All ports are billed monthly and are subject to a full service term, i.e. they are not coterminous. For example, under a 24 month service period, each port must be billed for 24 months from the date of installation.
10. Nonrecurring charges apply for the installation of each port.
11. Moves of service are considered disconnects and starts.
12. When a change in billing data (e.g. name, address, contact name, or telephone number) is requested in association with a change in the customer's record, Transfer of Service Charges, as set forth in A47.1.3 following will apply. Transfer of Service Charges are applied on a per Billing Account Number (BAN).
13. Administrative changes, as identified following, will be made without charge(s) to the customer.
 - a. Change of customer name (i.e. the customer of record does not change but rather the customer of record changes its name—e.g. BellSouth Telecommunications, Inc. to BellSouth Corporation).
 - b. Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment.
 - c. Change in billing data (name, address, or contact name or telephone number). The customer of record does not change.
 - d. Change of customer circuit identification.
 - e. Change of billing account number.
 - f. Change of customer or customer's end user contact name or telephone number.
14. In order to maintain the quality of BellSouth RAS, the Company reserves the right to perform preventive maintenance and software updates to the network. This could result in BellSouth RAS being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday. The Company only expects to utilize this maintenance window for any given remote access server on the average of once a quarter. However, the Company reserves the right to perform maintenance at any time, at its discretion, that it believes such maintenance is necessary. The Company will make every reasonable effort to provide notice to those customers likely to be affected by such maintenance work.
15. Obligations of Customer and Company
 - a. The Company will provide remote hands operations support. Remote hands means that the customer identifies the problem and reports the trouble to the Company. The Company will then resolve the problem as directed by the customer. Resolution of the problem may include providing hardware, central office switching maintenance, and deployment of human resources necessary to repair hardware failures and restore network service outages.
 - b. The customer will be responsible for the management of the remote access server for this service and will have full responsibility for initial and ongoing configuration, software release levels and updates, and general code control. All software updates must be compatible with associated Company network elements and systems. It is assumed that the monitoring, management, and reporting activities performed by the customer will occur over the egress port link(s) into the remote access server or through a backup dial-in channel that the Company will provide for each site. The customer is also responsible for all interface support for his clients (end user) and/or employees.

A47. BELLSOUTH REMOTE ACCESS SERVICE

A47.1 BellSouth Remote Access Service (Cont'd)

A47.1.2 Terms and Conditions (Cont'd)

C. Provisions of Service

Rates and charges contained in this section of the *Guidebook* consist of the following elements:

1. BellSouth RAS one-way ports
 - 10,000 – 29,999 Ports, each
 - 30,000 – 59,999 Ports, each
 - 60,000 – 89,999 Ports, each
 - 90,000 – 149,999 Ports, each
 - 150,000 – 199,999 Ports, each
 - 200,000 – 299,999 Ports, each
 - 300,000 or greater Ports, each
2. Transfer of Service Charge

D. Contract Plans

1. BellSouth RAS is provided under conditions specified in Payment Plans for Contract Services, A2.4.10.
2. BellSouth RAS is available under volume and term payment periods for 12 Months, 24 Months, 36 Months, or 48 or Greater Months. For contracts greater than a 48 month service period, the 48 month rate applies.
3. When a BellSouth RAS is disconnected prior to the expiration of a selected service period as a result of a change of jurisdiction, Termination Liability Charges will apply.
4. In the event that all or any part of a BellSouth RAS is disconnected at a customer's request prior to expiration of any selected payment period, the customer will be required to pay a termination charge equal to fifty percent (50%) of the monthly charges times the number of months remaining in the commitment.
5. Additions of ports are allowed as specified in B.4. preceding.
6. Subsequent to the establishment of a BellSouth RAS contract, and prior to the completion of that period, the existing payment period may be extended to a longer service period. Nonrecurring charges will not be reapplied.

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