

TARIFF DISTRIBUTION

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BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

Second Revised Page 13.1
Cancels First Revised Page 13.1

ISSUED: December 9, 2022
BY: Joelle Phillips, President - Tennessee
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E2. GENERAL REGULATIONS

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E2.4.4 Credit Allowance for Service Interruptions (Cont'd)

B. When A Credit Allowance Applies (Cont'd)

2. *Reserved For Future Use*

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BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E5. ORDERING OPTIONS FOR BELLSOUTH SWA AND SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E5.2 Access Order (Cont'd)

E5.2.4 Cancellation Of An Access Order (Cont'd)

B. (Cont'd)

4. (Cont'd)

- b. The critical dates tracked by the Company are as follows: (Cont'd)

Plant Test Date (PTD): The date on which overall testing of the service is to be started.

Engineering Information Report Date (EIRD): The date the engineering group in another ISS area provides information to the primary engineering group.

Service Date (DD): The date on which service is to be made available to the customer. This is sometimes referred to as the Due Date.

Designed, Verified, and Assigned Date (DVA): The date by which field implementation groups must report that all documents and materials have been received.

Frame Continuity Date (FCD): Date on which frame-to-frame testing must be completed. This is sometimes referred to as the Facility Continuity Check Date.

Loop Assignment and Make-up Date (LAM): The date by which Local Loop Assignment and Make-up information must be available.

Confirming Design Layout Report Date (CDLRD): The date the Design Layout Report (DLR) is to be confirmed by the customer.

- c. The percentage of the total provisioning cost incurred by the Company at a particular critical date varies by the type of service as shown in d. following.
- d. When a customer cancels an access order, or part of an access order, before the service date, the Company will apply cancellation charges to the order. Cancellation charges are calculated by multiplying all the nonrecurring charges associated with the order, or that part of the order being cancelled, by the percentage shown in e. following for the critical date last completed on the order. As set forth in E5.2.4.B. when a customer cancels an order prior to the Design Layout Report Date, no cancellation charges shall apply.
- e. Cancellation Charge Percentages

Type Service/ Critical Dates	After: Before:	APP SID	SID LAM	LAM EIRD	EIRD DLRD	DLRD RID	RID DVA
SPECIAL ACCESS (A.K.A. BELLSOUTH SPA)							
WATS (a.k.a. BellSouth SPA)		1.60%	4.70%	6.60%	9.50%	13.20%	18.70%
Voice Grade (a.k.a. BellSouth SPA DS0 VG)		1.60%	4.70%	6.60%	9.50%	13.20%	18.70%
High Capacity (a.k.a. BellSouth SPA High Capacity)		12.90%	29.20%	33.10%	35.50%	37.50%	42.90%
Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data)		1.50%	4.60%	6.10%	9.20%	13.50%	18.60%
BellSouth Metro Ethernet Service		11.60%	33.10%	42.90%	44.80%	47.30%	53.10%
BELLSOUTH SWA							
Trunks or Lines		2.40%	6.20%	7.50%	14.40%	22.20%	29.40%
High Capacity (a.k.a. BellSouth SPA High Capacity Facilities)		12.90%	29.20%	33.10%	35.50%	37.50%	42.90%
BellSouth Wavelength Service		12.90%	29.20%	33.10%	35.50%	37.50%	42.90%

(D)

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TELECOMMUNICATIONS
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ACCESS SERVICES TARIFF

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**E5. ORDERING OPTIONS FOR BELLSOUTH SWA
AND SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**

E5.2 Access Order (Cont'd)

E5.2.4 Cancellation Of An Access Order (Cont'd)

B. (Cont'd)

4. (Cont'd)

e. Cancellation Charge Percentages (Cont'd)

Type Service/ Critical Dates	After: Before:	DVA WOT	WOT FCD	FCD PTD	PTD DD	DD
SPECIAL ACCESS (A.K.A. BELLSOUTH SPA)						
WATS (a.k.a. BellSouth SPA)		33.20%	44.60%	56.60%	83.60%	100.00%
Voice Grade (a.k.a. BellSouth SPA DS0 VG)		33.20%	44.60%	56.60%	83.60%	100.00%
High Capacity (a.k.a. BellSouth SPA High Capacity)		55.70%	66.20%	69.90%	86.20%	100.00%
BellSouth Metro Ethernet Service		53.10%	69.90%	85.60%	94.90%	100.00%
BELLSOUTH SWA						
Trunks or Lines		38.70%	41.70%	64.30%	93.50%	100.00%
BellSouth SWA High Capacity		55.70%	66.20%	69.90%	86.20%	100.00%
BellSouth Wavelength Service		55.70%	66.20%	69.90%	86.20%	100.00%

(D)

5. The provisions of Sections E5.2.4.B.1-4 above shall not apply to cancellations of Access Orders for AT&T Switched Ethernet Service. Cancellation charges for AT&T Switched Ethernet Service are applied based upon the tiered fee schedule outlined below. When a customer cancels an Access Order (or a part of an order) for AT&T Switched Ethernet Service, cancellation charges will apply, even when nonrecurring installation charges would otherwise be waived. Cancellation charges will be calculated based on the number of calendar days between the Company's receipt of the Access Order and the cancellation date. A cancellation charge will apply on a per port connection basis as shown in the table below:

USOC	Cancellation Date – Calendar Days After Receipt of Order	Cancellation Charge (Per Port Connection)
NRFSC	0-10	\$0.00
NRFSD	11-30	\$0.00
NRFSE	31-60	\$2,000.00
NRFSE	61+	\$3,000.00

- C. When a customer cancels an order service for BellSouth Dedicated Ring, SMARTRing service (a.k.a. BellSouth Dedicated Ring) or BellSouth Wavelength Service prior to the beginning of the selected service period, the customer will be liable for all capital expenses incurred by the Telephone Company in provisioning the BellSouth Dedicated Ring, SMARTRing service (a.k.a. BellSouth Dedicated Ring), or BellSouth Wavelength Service as of the date the order is canceled by the customer. The charges billed to the customer will not exceed an amount equal to the minimum period for the service as set forth in Section E5.2.6 following, and Section 6.7.2 of Tariff FCC No. 1, and Sections E7.4 and E29.1.2 of this intrastate Tariff at the month-to-month rates set forth in Section 6.8 of Tariff FCC No. 1, and Sections E7.5 and E29.1.6 of this intrastate Tariff. Such charges will be billed in addition to and subsequent to the cancellation charges set forth in B. preceding.
- D. When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.
- E. If the Company misses a service date by more than thirty days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the Access Order without incurring cancellation charges.

E5.2.5 Selection Of Facilities For Access Orders

- A. When a customer places an access order, the customer may choose to utilize facilities it previously purchased. If the customer has a high capacity interface, or has purchased a facility, the customer must request that specific channels be used to implement the Access Order. If a facility assignment is not provided by the customer, the Company will provide the service from available inventory as discussed in Section E5.3.

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E5. ORDERING OPTIONS FOR BELLSOUTH SWA AND SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E5.2 Access Order (Cont'd)

E5.2.5 Selection Of Facilities For Access Orders (Cont'd)

- B.** For all other Access Orders, the option to request a specific transmission path or channel is not provided, except as provided for under Special Facilities Routing as set forth in Section E11. of this Tariff.

E5.2.6 Minimum Period

- A.** Except as set forth in Sections E2.4.2, B., C., D., F. E9.4.1 and E13.3.5.F.1 of this Tariff, the minimum period¹ for which charges are applicable for access service is one month.
- B.** The minimum period for part-time Video Service is one day even though the service will be provided only for the duration of the event specified on the order (e.g. one-half hour, two hours, five hours, etc.) (D)
- C.** The minimum period for BellSouth Remote Access Service is twelve months.
- D.** Service Rearrangements¹ and Transfer of Service as set forth in Section 6.7.1 of Tariff FCC No. 1 and Sections E7 and E29.1.4 of this intrastate Tariff for BellSouth SWA, Special Access (a.k.a. BellSouth SPA) and BellSouth Wavelength services, respectively, may be made without a change in minimum period requirements.
- E.** Changes other than those identified in Section 6.7.1 of Tariff FCC No. 1 and Sections E7¹ or E29.1.4 of this intrastate Tariff will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service. A new minimum period will be established for the new service. The customer will also remain responsible for all outstanding minimum period obligations associated with the disconnected service.

The changes listed following are those which will be treated as a discontinuance and installation of service and for which a new minimum period will be established.

1. A move to a different building as set forth in Section 6.7.7 of Tariff FCC No. 1 and Sections E7 or E29.1.4 of this intrastate Tariff.
 2. A change in type of service (i.e., BellSouth SWA to Special Access (a.k.a. BellSouth SPA), one type of Special Access (a.k.a. BellSouth SPA) to another, or one type of BellSouth SWA service to another or one type of BellSouth SWA Basic Serving Arrangement/BellSouth SWA Basic Serving Arrangement to another except as set forth in Section 6.7.6 of Tariff FCC No. 1).
 3. A change in the type of BellSouth SWA Local Channel, Special Access (a.k.a. BellSouth SPA) service local channel or Optical Transport Access Service Wavelength Channel.
 4. A change in BellSouth SWA service or BellSouth Directory Assistance Access service Interface Group.
 5. Change in BellSouth SWA service traffic type.
- F.** The minimum service period for BellSouth Wavelength Service, BellSouth Dedicated Ring, *BellSouth Metro Ethernet service* and SMARTRing service (a.k.a. BellSouth Dedicated Ring) is 4 months.
- G.** A customer may request disconnect of an access service at any time after the service has been established. The customer must give the Company at least one business day written or verbal notice prior to the desired disconnect date. The one business day notice period will begin on the date the Company first receives the disconnect notification, either written or verbal. The verbal notice must be followed by written confirmation within 10 days.
- H.** When Access Service is disconnected prior to the expiration of the minimum period, the customer is obligated for payment of the minimum period charge as set forth in E2.4.9 of this Tariff and in E5.2.7 following. When Access Service is disconnected after the expiration of the minimum period, billing for the service will be performed in accordance with the provisions set forth in E2.4.1.C. of this Tariff.

E5.2.7 Minimum Period Charges

- A.** When Access Service is disconnected prior to the expiration of the minimum period, the customer is obligated for payment of the minimum period charge as set forth following. When Access Service is disconnected after the expiration of the minimum period, billing for the service will be in accordance with E2.4.1 of this Tariff. The disconnected date is the final date the customer has use of the service.

The Minimum Period Charge, for service provided with a one month minimum period will be determined as follows:

1. For BellSouth SWA service usage sensitive rate elements (i.e. Carrier Common Line, Local Switching, Access Tandem Switching, BellSouth SWA Common Transport, and Interconnection), the charge for a month or fraction thereof is equal to the applicable rates for the actual or assumed usage for the month or such fraction thereof.
2. For BellSouth SWA Transport components which are not usage sensitive (i.e., Switched Local Channel, Switched Dedicated Interoffice Channel and Channelization Equipment), the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in Section 6.8 of Tariff FCC No. 1.
3. For Special Access (a.k.a. BellSouth SPA) service, the charge for a month or fraction thereof is the applicable monthly rate for the service as set forth in Section E7. of this Tariff.

Note 1: Specific regulations for BellSouth Metro Ethernet service minimum period, service rearrangements (reconfigurations) and changes are provided in E7.4.32 of this Tariff.

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ACCESS SERVICES TARIFF

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E5. ORDERING OPTIONS FOR BELLSOUTH SWA AND SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E5.2 Access Order (Cont'd)

E5.2.7 Minimum Period Charges (Cont'd)

- B.** The Minimum Period Charges for BellSouth SWA FGD and BellSouth SWA TSBSA 3 service will be as set forth in E2.4.2 preceding.
- C.** *(DELETED)*
- D.** All applicable nonrecurring charges for the service will be billed in addition to the Minimum Period Charge.
- E.** Should billing for a service which is disconnected prior to the expiration of the minimum period cover multiple billing cycles, the bill reflecting the disconnect of service will be adjusted to account for that portion of the Minimum Period Charge previously billed to the customer. In no event shall the total recurring charge billed to the customer for such service exceed the applicable Minimum Period Charge.

All applicable nonrecurring charges associated with the provision of service will be billed in addition to the Minimum Period Charge. Such nonrecurring charges include the nonrecurring charge for the installation of service and/or optional features, Basic Service Elements, Service Order Modification Charges, Additional Engineering and Labor Charges, if any, etc.

E5.2.8 Shared Use Facilities

Shared Use occurs when BellSouth SWA and Special Access (a.k.a. BellSouth SPA) services are provided over the same high capacity facility through a common interface. The digital high capacity facility may be ordered either as BellSouth SWA or Special Access (a.k.a. BellSouth SPA).

Billing will commence for the high capacity facility as soon as the facility is turned over to the customer for use (i.e., on the service date.) Such billing will include charges for the Local Channel or Switched Local Channel, the Channelization Equipment (i.e., the multiplexer) and the interoffice transport mileage, if any. Nonrecurring installation charges will also apply at this time.

Such billing will continue until such time as the customer requests, by placing an order for service, that one or more of the derived channels be used in the provisioning of an end to end BellSouth SWA or Special Access (a.k.a. BellSouth SPA) service. When the end to end service is turned over to the customer for use, the existing billing may be modified and billing for the end to end service will commence.

When the original facility is ordered as Special Access (a.k.a. BellSouth SPA), the billing change to the existing facility, if any, will depend on whether the end to end service provisioned over the derived channel(s) is Special (a.k.a. BellSouth SPA) or BellSouth SWA. If Special Access (a.k.a. BellSouth SPA) service, the billing for the facility will not change but additional billing will commence for the end to end service provisioned over the facility. This billing will include an additional local channel(s) and interoffice mileage, if applicable, of a lower capacity level (e.g., voice grade).

When the original facility is ordered as Special Access (a.k.a. BellSouth SPA) and BellSouth SWA service is provisioned over a derived channel(s), the Special Access (a.k.a. BellSouth SPA) billing for the original facility will be reduced in direct proportion to the number of channels being utilized for BellSouth SWA service. For example, if six channels of BellSouth SWA DS1 are to be used for BellSouth SWA, the Special Access (a.k.a. BellSouth SPA) rate will be reduced by one fourth. The customer will be billed one fourth of the BellSouth SWA DS1 rate, plus all other applicable BellSouth SWA charges for the BellSouth SWA FG service provided.

When the original facility is ordered as BellSouth SWA, the billing change to the existing facility, if any, will depend on whether the end to end service provisioned over the derived channel(s) is BellSouth SWA or Special Access (a.k.a. BellSouth SPA) service. If BellSouth SWA service, the billing for the facility will not change but additional billing will commence for the end to end service provisioned over the facility. This billing will include local switching, carrier common line and additional interoffice transport at a lower capacity, if applicable.

BellSouth Dedicated Ring is only available for Shared Use with SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring) and vice versa. When these services are ordered for Shared Use arrangements, all ring level components must be ordered as either BellSouth SWA or Special Access (a.k.a. BellSouth SPA) service.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.1 General

Special Access (a.k.a. BellSouth SPA) service provides a transmission path to connect customer designated premises¹, either directly or through a Company hub where bridging or channelization functions are performed. Special Access (a.k.a. BellSouth SPA) service² includes all exchange access not utilizing Company end office switches.

The connections provided by Special Access (a.k.a. BellSouth SPA) service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

E7.1.1 Channel Types

There are different types of channels used to provide Special Access (a.k.a. BellSouth SPA) services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications
- Bandwidth
- Speed (i.e., bit rate)
- Spectrum

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

For purposes of ordering channels, each has been identified as a type of Special Access (a.k.a. BellSouth SPA) service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

Following is a brief description of each type of channel:

Voice Grade (a.k.a. BellSouth SPA DS0 VG)⁴ - a channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

WATS Access Line (a.k.a. BellSouth SPA WATS Line)⁴ (WAL) - a channel from a customer designated premises to a WATS serving office for 800, WATS or similar service.

(DELETED)

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Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data)⁴ - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 kbps.

High Capacity (a.k.a. BellSouth SPA High Capacity) - a channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312 or 44.736 Mbps.

Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel)⁴ - a digital data channel derived from a two-wire local exchange facility that transmits voice and data signals simultaneously.

Note 1: Company Centrex Type Services switches and Company Answering Service Concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

Note 2: For purposes of administering the surcharge regulations, WATS (a.k.a. BellSouth SPA WATS Line) access lines are considered to be Special Access (a.k.a. BellSouth SPA) service.

Note 3: **(DELETED)**

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Note 4: Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.1 General (Cont'd)

E7.1.4 Alternate Use

Alternate Use occurs when a service is arranged by the Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternative use, the Company will make such special arrangements available on an individual case basis.

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis and filed in Section E12., Specialized Service or Arrangements. The customer will pay the stated tariff rates for the Access Service rate elements for the service ordered (i.e., Local Channels, Interoffice Channels as applicable, and Optional Features and Functions, if any.)

E7.1.5 Special Facilities Routing

A customer may request that the facilities used to provide Special Access (*a.k.a. BellSouth SPA*) service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable Only) are as set forth in Section E11. following.

E7.1.6 Design Layout Report

At the request of the customer, the Company will provide to the customer the make-up of the facilities and services provided under this Tariff as Special Access (*a.k.a. BellSouth SPA*) service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report.

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

E7.1.7 Acceptance Testing

At no additional charge, the Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters:

- A. For Voice Grade (*a.k.a. BellSouth SPA DS0 VG*)² services, acceptance tests will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade (*a.k.a. BellSouth SPA DS0 VG*)² services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- B. For other analog services (i.e., WATS Access Line (*a.k.a. BellSouth SPA WATS Line*)² and for digital services (i.e., Digital Data Access (*a.k.a. BellSouth SPA DS0 Digital Data*)², WATS Access Line (*a.k.a. BellSouth SPA WATS Line*)² and High Capacity (*a.k.a. BellSouth SPA High Capacity*), acceptance tests will include tests for the parameters applicable to the service as specified in the order for service. (D)

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade (*a.k.a. BellSouth SPA DS0 VG*)² service to test other parameters, as described in E13.3.5.B. following, is available at the customer's request. All test results will be made available to the customer upon request.

E7.1.8 Ordering Options And Conditions

- A. The ordering option available to the customer in the provision of Special Access (*a.k.a. BellSouth SPA*) service is:
 1. Access Order
- B. This option is set forth in detail in Section E5. preceding. Also included in that section are other charges which may be associated with ordering Special Access (*a.k.a. BellSouth SPA*) service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

Note 1: (DELETED)

Note 2: Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (T)

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TENNESSEE

ACCESS SERVICES TARIFF

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BY: Joelle Phillips, President - Tennessee
Nashville, Tennessee

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.2 Service Descriptions

For the purposes of ordering, there are ten categories of Special Access (a.k.a. BellSouth SPA) service. These are:

- Voice Grade (a.k.a. BellSouth SPA DS0 VG)² (VG)
- **(DELETED)**
- Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data)² service (DDAS)
- High Capacity (a.k.a. BellSouth SPA High Capacity) (HC)
- WATS Access Line (a.k.a. BellSouth SPA WATS Line)² (WAL)
- Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel)² service
- Self-Healing Rings (SMARTRing³ service [a.k.a. BellSouth Dedicated Ring])

Each service consists of a basic channel to which a predefined technical specifications package, channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section. Terms and conditions for central office interconnection of collocator-provided transmission equipment are set forth in BellSouth Telecommunications, Inc., Tariff F.C.C. No. 1, Section 20. Terms, conditions, and rates for Physical Access Collocation Cross-Connects and Virtual Access Collocation Cross-Connects are set forth in Section E13. of this Tariff for those services that are permitted to connect directly to a carrier's collocation space.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Company hub where bridging and/or channelization functions are performed.

Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VG1. The first two letters of the code indicate the category of Special Access (a.k.a. BellSouth SPA) service to which the parameters are applicable. These two-letter codes are shown above in parentheses following the category of Special Access (a.k.a. BellSouth SPA) service. The number "1" following the two-letter code indicates the technical specifications package for a voice grade² service. An alphanumeric designation following the two-letter code indicates the specific predefined package. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

Channel interfaces at each point of termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical. However, communications can only be provided between points of termination with compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in a combination format.

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth at the end of this E7.2.

The optional features and functions available with each type of Special Access (a.k.a. BellSouth SPA) service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.

The Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff.

Note 1: **(DELETED)**

Note 2: Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

Note 3: Effective on or after December 1, 2021, neither new nor existing customers will be permitted to purchase new SMARTRing Service (Service). In addition, (A) Service Payment Plans greater than 12-months in length will no longer be available; and (B) requests to move, add, change, upgrade, or downgrade existing service arrangements will not be accepted, with the following exceptions: (1) existing customers will be permitted to modify their existing Service and will be able to add new circuits to their existing Service, but will not be permitted to add new nodes in any locations; and (2) any such new circuits will be subject to the customer's existing term payment plan or term agreement for the Service to which they are added. Following the expiration of a customer's existing term agreement, Service will be provided on a month-to-month basis at the applicable Month-to-Month rates until the Service is discontinued.

Effective November 30, 2023, unless specified to the contrary in their existing Service agreements, existing customers may not renew Term Payment Plans or term agreements for Service. In addition, no move, add, or change orders of any type will be accepted.

(T)

(T)

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TELECOMMUNICATIONS
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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.2 Service Descriptions (Cont'd)

All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this Tariff or in the following Technical References for each category of service:

Voice Grade (a.k.a. BellSouth SPA DSO VG) ²	TR-NPL-000335 PUB 41004, Table 4	(D)
Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data) ² For 2.4, 4.8, 9.6 and 56.0 Kbps	TR-NPL-000341 BellCore PUB 62310	
For 19.2 Kbps	INC. BULLETIN CB-INC-100	
For 64.0 Kbps	AT&T PUB 62310	
High Capacity (a.k.a. BellSouth SPA High Capacity)	TA-TSY -000342 TR-NPL-000054	
WATS Access Line (a.k.a. BellSouth SPA WATS Line) ²	TR-NPL-000334	
Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) ² Service	BellSouth TR-73548 BellSouth TR-73548, Addendum 1	

E7.2.1 Reserved for Future Use

Note 1: *(DELETED)*

(T)

Note 2: Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.2 Service Descriptions (Cont'd)

E7.2.4 Reserved For Future Use

(T)

(D)

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.2 Service Descriptions (Cont'd)

E7.2.4 *Reserved For Future Use* (Cont'd)

(T)

(D)

E7.2.5 *Reserved For Future Use*

(D)

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.2 Service Descriptions (Cont'd)

E7.2.8 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)

D. Optional Features and Functions (Cont'd)

3. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access (a.k.a. BellSouth SPA) service to either a spare or working channel that terminates in either the same or a different customer premises. A key activated or dial up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

4. Channelization Interface

a. DS3 to DS1

An arrangement that channelizes a 44.736 Mbps channel to twenty-eight DS1 channels.

b. DS2 to DS1

An arrangement that channelizes a 6.312 Mbps channel to four DS1 channels.

c. DS1C to DS1

An arrangement that channelizes a 3.152 Mbps channel to two DS1 channels.

d. DS1 Basic Channelization System

An arrangement that channelizes a 1.544 Mbps channel to a maximum of twenty-four channels that may be used to activate both analog and digital services, e.g., voice grade, and digital data access service. A DS1 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity. (D)

e. DS0 Basic Channelization System¹

An arrangement that channelizes a 64.0 Kbps channel to subspeeds of up to twenty 2.4 Kbps, ten 4.8 Kbps, or five 9.6 Kbps channels. A DS0 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity.

5. Channel Interface

a. DS1 Level Central Office Channel Interface

An arrangement for the connection of DS1 (1.544 Mbps) channels to higher order DS3 (44.736 Mbps) services in Company central office locations.

b. DS1 Level Customer Channel Interface

An arrangement for the connection of DS1 (1.544 Mbps) channels to higher order DS3 (44.736 Mbps) services at customer locations.

c. DS0 Level Central Office Channel Interface¹

An arrangement for the connection of VG/DS0 (2.4 - 64.0 Kbps) channels to higher order DS1 (1.544 Mbps) services in Company central office locations.

d. Subrate Level Central Office Channel Interface¹

An arrangement for the connection of subrate (2.4 - 9.6 Kbps) channels to higher order DS0 (64.0 Kbps) services in Company central office locations.

Note 1: Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.4 Rate Regulations (Cont'd)

E7.4.1 Types Of Rates And Charges (Cont'd)

A. (Cont'd)

2. **(DELETED)**

3. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access (a.k.a. BellSouth SPA) service are:

- Installation of service,
- Installation of optional features and functions, and
- Service rearrangements

The following list identifies the individual Special Access (a.k.a. BellSouth SPA) services provided under Section E7. of this Tariff which are eligible for credit of nonrecurring charges under "Service Installation Guarantee" found in E2.4.10 of this Tariff. Customers with these services are not eligible for the Service Installation Guarantee when the requested installation, move or rearrangement service order interval is four days or less as measured from the Application Date of the order.

- Voice Grade (a.k.a. BellSouth SPA DS0 VG)³,
- **(DELETED)**
- Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service^{1,3},
- High Capacity (a.k.a. BellSouth SPA High Capacity) service
- SMARTPath service (a.k.a. BellSouth SPA Shared Ring)
- Commercial Quality Video (a.k.a. BellSouth SPA Commercial Quality Video) service
- SMARTRing⁴ service (a.k.a. BellSouth Dedicated Ring)

(T)

Note 1: The Data Over Voice Channel optional feature is not eligible for such credit.

Note 2: **(DELETED)**

Note 3: Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

Note 4: Effective on or after December 1, 2021, neither new nor existing customers will be permitted to purchase new SMARTRing Service (Service). In addition, (A) Service Payment Plans greater than 12-months in length will no longer be available; and (B) requests to move, add, change, upgrade, or downgrade existing service arrangements will not be accepted, with the following exceptions: (1) existing customers will be permitted to modify their existing Service and will be able to add new circuits to their existing Service, but will not be permitted to add new nodes in any locations; and (2) any such new circuits will be subject to the customer's existing term payment plan or term agreement for the Service to which they are added. Following the expiration of a customer's existing term agreement, Service will be provided on a month-to-month basis at the applicable Month-to-Month rates until the Service is discontinued.

Effective November 30, 2023, unless specified to the contrary in their existing Service agreements, existing customers may not renew Term Payment Plans or term agreements for Service. In addition, no move, add, or change orders of any type will be accepted.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.4 Rate Regulations (Cont'd)

E7.4.7 Facility Hubs

A customer has the option of ordering Voice Grade (a.k.a. BellSouth SPA DS0 VG)² facilities or digital high capacity (a.k.a. BellSouth SPA High Capacity) facilities (i.e., DS1, DS1C, DS2 or DS3) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Voice (a.k.a. BellSouth SPA DS0 VG)², etc.). (D)

Different locations may be designated as Hubs for different facility capacities, e.g., channelization from digital to digital may occur at one location while channelization from digital to analog may occur at a different location. When ordering, the customer will specify the desired channelization Hub(s) selected from the National Exchange Carrier Association Tariff F.C.C. No. 4. This tariff identifies the type(s) of channelization functions which are available and the serving wire centers at which they are available.

Some of the types of channelization available include the following:

- from higher to lower bit rate
- from digital to voice frequency channels

End to end services may be provided on channels of these facilities to a hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is channelized to voice frequency channels, the transmission performance of the channelized services will be Voice Grade (a.k.a. BellSouth SPA DS0 VG)², not High Capacity (a.k.a. BellSouth SPA High Capacity).

The Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade (a.k.a. BellSouth SPA DS0 VG)² or digital Local Channel, Interoffice Channel, if applicable and the Basic Channelization System at the time the facility is installed. DS1 and DS0 Basic Channelization Systems² require a Central Office Channel Interface for activation of each lesser capacity channel. DS3 to DS1 channelization arrangements, for transport of intrastate DS1 service high capacity channels via LightGate[®] (a.k.a. BellSouth SPA Point to Point Network) and SMARTRing^{®3} services (a.k.a. BellSouth SPA Dedicated Ring), require a DS1 channel interface for activation of each DS1 channel. Individual service rates (by service type) will apply for a Local Channel, additional Interoffice Channel and Central Office Channel Interface(s) (as required), if applicable, for each channelized service. These will be billed to the customer as each individual service is installed.

Cascading channelization occurs when a high capacity analog or digital channel is channelized to provide channels with a lesser capacity and one of the lesser capacity channels is further channelized.

When cascading channelization is performed, whether in the same or a different Hub, a charge for the additional Basic Channelization System and Central Office Channel Interface(s) also applies. A DS1 channelization System and DDAS (a.k.a. BellSouth SPA DS0 Digital Data)² Central Office Channel Interface are required for high speed or low speed DDAS (a.k.a. BellSouth SPA DS0 Digital Data)² activations when channelized from a DS1 (1.544 Mbps) channel. A DS0 Basic Channelization System² and Subrate² Central Office Channel Interface are required for subrate² activations of 2.4, 4.8 and 9.6 Kbps when channelized from a DS0 (64 Kbps)² channel. When cascading channelization is performed at different Hubbing locations, Interoffice Channel charges also apply between the Hubs.

A customer can order service(s) between customer designated premises and a hub and will be billed accordingly at the rates set forth in E7.5.5 following for the service, as appropriate. The customer will be charged for each such connection made at the rates for Other Labor as set forth in E13.2.6(c) following. The rates that apply for the service between each customer designated premises and the hub are a Local Channel and Interoffice Channel, if applicable. (D)

Note 1: (DELETED)

Note 2: Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (T)

Note 3: Effective on or after December 1, 2021, neither new nor existing customers will be permitted to purchase new SMARTRing Service (Service). In addition, (A) Service Payment Plans greater than 12-months in length will no longer be available; and (B) requests to move, add, change, upgrade, or downgrade existing service arrangements will not be accepted, with the following exceptions: (1) existing customers will be permitted to modify their existing Service and will be able to add new circuits to their existing Service, but will not be permitted to add new nodes in any locations; and (2) any such new circuits will be subject to the customer's existing term payment plan or term agreement for the Service to which they are added. Following the expiration of a customer's existing term agreement, Service will be provided on a month-to-month basis at the applicable Month-to-Month rates until the Service is discontinued.

Effective November 30, 2023, unless specified to the contrary in their existing Service agreements, existing customers may not renew Term Payment Plans or term agreements for Service. In addition, no move, add, or change orders of any type will be accepted.

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E7. SPECIAL ACCESS (A.K.A.BELLSOUTH SPA) SERVICE

E7.5 Rates And Charges (Cont'd)

E7.5.3 Voice Grade (a.k.a. BellSouth SPA DS0 VG)² (Cont'd)

D. WATS Access Line (a.k.a. BellSouth SPA WATS Line)² (Cont'd)

- 2. Interoffice Channel
 - a. Mileage Bands
 - (1) Fixed Rate

	Fixed Monthly Charge	Monthly Charge Per Mile	Nonrecurring Charge	USOC
(a) 0 mile	\$-	\$-	\$-	1LFFX
(b) 1 thru 8 miles	33.00	2.26	102.30	1LFFX
(c) 9 thru 25 miles	33.00	2.20	102.30	1LFFX
(d) Over 25 miles	33.00	2.15	102.30	1LFFX

- 3. Optional Features
 - a. Improved Two-Wire Voice Transmission Specifications
 - (1) For WATS Access Line (a.k.a. BellSouth SPA WATS Line)

	Monthly Rate	Nonrecurring Charge		USOC
		Initial	Subsequent	
(a) Two-Wire	\$22.00	\$37.40	\$90.20	X2T
b. WATS Access Line Bridging <ul style="list-style-type: none"> (1) Two-Wire/Four-Wire, per port 				

	Monthly Rate	Nonrecurring Charge	USOC
(a) Two-Wire	\$13.20	\$38.50	BCNV2
(b) Four-Wire	15.40	38.50	BCNV4

E7.5.4 Reserved For Future Use

(T)
(D)

Note 1: *(DELETED)*

Note 2: Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.5 Rates And Charges (Cont'd)

E7.5.4 *Reserved For Future Use* (Cont'd)

(T)

(D)

E7.5.5 Reserved For Future Use

E7.5.6 Reserved For Future Use

(D)

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.5 Rates And Charges (Cont'd)

E7.5.8 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)

C. Optional Features and Functions (Cont'd)

2. Channel Interfaces (Per Interface)

a. Sub-DS3 Interfaces

(1) DS1 Level Central Office Channel Interface¹

	Month to Month	24 to 48 Months ^{2,3,6}	49 to 72 Months ^{2,3,6}	73 to 96 Months ^{2,3,6}	Nonrecurring Charge	USOC
(a) Asynchronous	\$12.00	\$8.00	\$7.00	\$6.00	\$155.00	1D3CA
(b) Synchronous	36.00	31.00	28.00	25.00	135.00	1D3CS
(2) DS1 Level Customer Channel Interface ¹						
(a) Asynchronous	17.00	13.00	13.00	13.00	305.00	1D3DA
(b) Synchronous	45.00	36.00	33.00	30.00	255.00	1D3DS

b. Sub-DS1 Interfaces

(1) VG/DS0 Level Central Office Channel Interface

	Monthly Rate	Nonrecurring First	Nonrecurring Additional	USOC
(a) BellSouth SWA	\$0.00	\$0.00	\$0.00	1D1SW
(b) Reserved for Future Use				
(c) Reserved for Future Use				
(d) Voice Grade (BellSouth SPA DSO VG) ⁵	6.50	7.00	6.00	1D1VG
(e) WATS Access Line (BellSouth SPA WATS Line) ⁵	6.50	7.00	6.00	1D1WT
(f) (DELETED)				(T)
(g) (DELETED)				(T)
(h) DDAS (BellSouth SPA DSO Digital Data) ⁵	13.00	7.00	6.00	1D1DD

(c) Sub-DS0 Interfaces

(1) Subrate Level Central Office Channel Interface⁵

(a) Subrate (2.4, 4.8 & 9.6 Kbps)	13.00	7.00	6.00	1DOSR
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3. Reserved for Future Use

Note 1: Contract rates are flexible to allow customer choice of payment period per E2.4.9.

Note 2: Effective November 9th, 2013, customers may not establish new term plans greater than 36 months for High Capacity Service and term plans may not be renewed for a term greater than 36 months.

Note 3: Effective March 28, 2019, Customers may not convert or renew CSPPs for High Capacity Service.

Note 4: **(DELETED)**

Note 5: Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

Note 6: Effective November 1, 2022, customers may not establish new term plans of greater than 24 months for High Capacity Service Channel Service Payment Plans.

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SUBJECT INDEX

M.

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ACCESS SERVICE TARIFF FOR THE STATE OF TENNESSEE

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When changes are made in any tariff page, a revised page will be issued canceling the tariff page affected; such changes will be identified through the use of the following symbols:

(C)	To signify a changed regulation
(D)	To signify discontinued rate, regulation or text
(I)	To signify increase in rate
(M)	To signify relocated material
(N)	To signify new rate, regulation, or text
(R)	To signify reduction in rate
(T)	To signify a change in text but no change in rate or regulation

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EXPLANATION OF ABBREVIATIONS

Symbol	Explanation
ac	alternating current
a.k.a	also known as
AML	Actual Measured Loss
ANI	Automatic Number Identification
AT&T	American Telephone and Telegraph Company
BCLID	Bulk Calling Line Information Delivery
BD	Business Day
BHMC	Busy Hour Minutes of Capacity
BNA	Billing Name and Address
BOC	Bell Operating Company
BSA	Basic Serving Arrangement
BSE	Basic Service Element

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