

TARIFF DISTRIBUTION

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BELLSOUTH
TELECOMMUNICATIONS
KENTUCKY

ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Eighth Revised Page 3
Cancels Seventh Revised Page 3
EFFECTIVE: November 1, 2025

ISSUED: October 17, 2025

By: Tricia Conway Tariff Administrator

E2. GENERAL REGULATIONS

E2.1 Undertaking Of The Company (Cont'd)

E2.1.3 Liability (Cont'd)

K. Transmission of Data

The Company shall not be held liable for any damage, harm or loss of data caused by the subscriber using the Company's voice-grade telephone access lines and/or facilities for the transmission of data. Voice-grade lines are primarily conditioned to handle data speeds up to 9.6 kilobits per second (kbps). The Company's liability shall be limited to errors or damages to the transmission of voice messages over these facilities, and the liability shall be limited to an amount equal to the proportionate amount of the Company's billing for the period of service during which the errors or damages occur.

The Company's liability for damages or errors caused during the transmission of data over any of the Company's data facilities shall be limited to an amount equal to the proportionate charge for the service for the period during which the service was affected.

L. Errors or Damages Caused by System Date Limitations

The Company's liability for errors or damages resulting from the inability of the Company's systems to process dates, such as the Year 2000, shall be limited to an amount equal to the proportionate amount of the Company's billing for the period of service during which the errors or damages occur.

M. Unauthorized Devices

The Company shall not be held liable or responsible for any damage or harm that may occur as the result of unauthorized devices or the failure of the Company to detect unauthorized devices on the subscriber's line.

E2.1.4 Provision Of Services

The Company, to the extent that such services are or can be made available with reasonable effort, and after provision has been made for the Company's telephone exchange services, will provide to the customer upon reasonable notice services offered in other applicable sections of this Tariff at rates and charges specified therein.

The Company may discontinue certain Company services in geographic areas for which the Company has no customers subscribing to those services.

The Company may grandfather or discontinue Company services in certain geographic areas at its discretion, subject to any applicable regulatory approvals. All services described in this Tariff will no longer be available for purchase by new or existing customers in certain geographic areas in Kentucky. In addition, requests to move, add or change existing service will not be accepted. Existing customers may cancel features on their existing service.

For service availability by Wire Center: https://cpr.web.att.com/pdf/dsa/zero_demand_tracker.pdf

For service availability by address: <https://cpr.att.com:8443/search/csiServiceAvailability>

Effective November 1, 2025, High Capacity Service (a.k.a BellSouth SPA High Capacity), BellSouth SPA CNM-FlexServ, and Derived Data Channel (N) Service will no longer be available for purchase by new or existing customers, unless such Services are used for Local Interconnection, SS7 or E911 selective router terminations. Requests for renewals, moves, adds, or changes to 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 Service is discontinued. For the avoidance of doubt, this action does not supersede any prior grandfathering or discontinuance of these Services in specific wire centers.

E2.1.5 Installation And Termination Of Services

The Access Services provided under this Tariff will (A) include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Company's outside distribution network facilities at a suitable location inside a customer-designated premises and (B) will be installed by the Company to such Point of Termination. Each Access Service has only one Point of Termination per customer premises. Any additional terminations beyond such Point of Termination is the sole responsibility of the customer. The Point of Termination is an inherent part of BellSouth SWA and Special Access (a.k.a. BellSouth SPA) services, therefore, the preceding does not preclude the customer's ability to have each Point of Termination moved as set forth in E7.4.5 following.

E2.1.6 Maintenance Of Services

The services provided under this Tariff shall be maintained by the Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Company other than by connection or disconnection to any interface means used, except with the written consent of the Company.

E2.1.7 Changes And Substitutions

Except as provided for equipment and systems subject to F.C.C. Part 68 Regulations at 47 C.F.R. Section 68.110(b), the Company may, where such action is reasonably required in the operation of its business:

- A. Substitute, change or rearrange any facilities used in providing service under this Tariff, including but not limited to:
 1. Substitution of different metallic facilities,
 2. Substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities, and
 3. Substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities,

Page reformatted pursuant to 807 KAR 5:011—Tariffs, Section 3 (4).

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E2. GENERAL REGULATIONS**E2.4 Payment Arrangements And Credit Allowances (Cont'd)****E2.4.2 Minimum Periods (Cont'd)⁽¹⁾**

(C)

- B. The minimum period for which service is provided and for which rates and charges are applicable for a Specialized Service or Arrangement provided on an individual case basis, as set forth in E12. following, is one month unless a different minimum period is established with the individual case filing.
- C. When a service is discontinued prior to the expiration of the minimum period, charges are applicable whether the service is used or not, as follows:
 - 1. When a service with a one month minimum period is discontinued prior to the expiration of the minimum period, a one month charge will apply at the rate level in effect at the time service is discontinued.
 - 2. Except for High Capacity (a.k.a. BellSouth SPA High Capacity) Individual Case Basis (ICB) services and associated channelization listed in Sections E7. and E12., and for Channel Services Payment Plan(s) (CSPP), when a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, the applicable charge will be the lesser of the Company's total nonrecoverable costs less the net salvage value for the discontinued service, or the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.
 - 3. When a High Capacity (a.k.a. BellSouth SPA High Capacity) Individual Case Basis (ICB) Service(s) and associated channelization listed in Sections E7. and E12. is disconnected prior to the expiration of the minimum period, the termination charge as specified in the High Capacity (a.k.a. BellSouth SPA High Capacity) Individual Case Basis filing will apply.
 - 4. When channel equipment and or facilities are disconnected from a customer network, prior to the expiration of a Channel Services Payment Plan period, a termination charge under conditions specified in E2.4.9 will apply.
- D. The minimum service periods for BellSouth Custom Network services and applicable rates and charges are provided in E7.7 for each arrangement. Regulations and applicable charges for disconnects and moves of service prior to the expiration of the minimum period are also specified in E7.7.

E2.4.3 Cancellation Of An Order For Service

Provisions for the cancellation of an Access Order for BellSouth SWA or Special Access (a.k.a. BellSouth SPA) service are set forth in E5.2.4 following.

E2.4.4 Credit Allowance For Service Interruptions**A. General**

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this Tariff or in the event that the protective controls applied by the Company result in the complete loss of service by the customer as set forth in Section 6.5.1 of Tariff FCC No. 1. An interruption period starts when the customer reports the interruption to the Company, and ends when the service is operative.

B. When a Credit Allowance Applies

In case of an interruption to any service, allowance for the period of interruption, if not due to the negligence of the customer, shall be as follows:

- 1. For BellSouth SWA Dedicated Interoffice Channels, Channelization Equipment and Switched Local Channel, Dedicated End Office Trunk Port Service and Dedicated Tandem Trunk Port Special Access (a.k.a. BellSouth SPA) services, no credit shall be allowed for an interruption of less than thirty minutes. The customer shall be credited for an interruption of thirty minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of thirty minutes or major fraction thereof that the interruption continues.

Note 1: See Section 2.1.4 for Service availability.

(N)

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E2. GENERAL REGULATIONS**E2.4 Payment Arrangements And Credit Allowances (Cont'd)****E2.4.4 Credit Allowance For Service Interruptions (Cont'd)****B. When a Credit Allowance Applies (Cont'd)**

3. For BellSouth® SWA service and BellSouth Directory Assistance Access service, usage sensitive rate elements no credit shall be allowed for an interruption of less than twenty-four hours. The customer shall be credited for an interruption of twenty-four hours or more at the rate applicable for the service involved, for each period of twenty-four hours or major fraction thereof that the interruption continues. In the case of service billed based upon actual usage, no credit allowance is applicable.
4. The credit allowance(s) for an interruption or for a series of interruptions shall not exceed
 - a. the sum of the monthly rates or
 - b. the assumed minutes of use charge for the service interrupted in any one monthly billing period.
5. For certain Special Access (a.k.a. BellSouth® SPA) services (Wideband Digital, WD1-3; Digital Data Access (a.k.a. BellSouth® SPA DS0 Digital Data), DA1-4; and High Capacity (a.k.a. BellSouth® SPA High Capacity)⁽¹⁾, HC1), any period during which the error performance is below that specified for the service will be considered as an interruption. (C)
6. Service interruptions for Specialized Service or Arrangements provided under the provisions of Section E12. *of this Tariff* shall be administered in the same manner as those set forth in E2.4.4. unless other regulations are specified with the Individual Case Basis filing.
7. For the channels used with BellSouth Managed Shared Ring service, failure by the Company to meet the performance guarantee described in E7.5.1 of this Tariff will prompt the credit described in that Section. The combined total of the credit allowance during a month for failure to meet the performance guarantee in E7.5.1 *of this Tariff* for BellSouth® Managed Shared Ring in Section 6.7.21 of Tariff FCC No. 1 of this intrastate Tariff, as applicable, and the credit for service interruption contained in this section shall not exceed the monthly rate for the portion of the service affected.
8. For BellSouth® Wavelength service, a credit for a service interruption of thirty minutes or more per occasion shall be 100 percent of the monthly charges for the BellSouth® Wavelength service. A customer must report the outage in order to receive service outage credit. The total credit received in any month shall not exceed the monthly rate for the service.

C. When A Credit Allowance Does Not Apply

No credit allowance will be made for:

1. Interruptions caused by the negligence of the customer.
2. Interruptions of a service due to the failure of equipment or systems provided by the customer or others.
3. Interruptions of a service during any period in which the Company is not afforded access to the premises where the service is terminated.

Note 1: See Section 2.1.4 for Service availability.

(N)

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E2. GENERAL REGULATIONS**E2.4 Payment Arrangements And Credit Allowances (Cont'd)****E2.4.9 Optional Payment Plan (Cont'd)⁽³⁾**

(C)

A. Channel Services Payment Plan (Cont'd)**3. Additions**

- a. Additions of services or rate elements for activating spare or unused capacities of a service under a CSPP arrangement will be considered part of the existing CSPP arrangement.
- b. Additions of services or rate elements, i.e. new local channels, interoffice channels, etc., other than for activating spare or unused capacities, must be under a new CSPP arrangement at rates and charges as specified in 2. preceding.
- c. Termination charges for premature disconnection of added contractual services will apply as set forth under Disconnects as stated in 4. following.
- d. Additions under CSPP are exempt from Company initiated rate changes for all payment periods longer than one month. However, decreases for any rate element will automatically flow through to the customer.
- e. Nonrecurring charges, as specified in this Tariff, will apply to the added channel services.

4. Disconnects

- a. When a service or rate element, included under a CSPP arrangement, is disconnected prior to expiration of the selected service period, termination liability charges apply as set forth in the rate regulations in this Tariff for such service. Remaining services or rate elements will not be affected by such disconnections.
- b. When a tariffed service under a CSPP arrangement is disconnected prior to the expiration of a selected service period as a result of a change of Tariff jurisdiction and/or a customer requested change to a higher order of a separately tariffed service, termination liability charges will not apply when:
 - the service period of the new CSPP arrangement^{1, 2} for the higher order of service is a minimum 24 month service period or equals/exceeds the remaining service period of the disconnected arrangement, whichever is greater, and
 - the service orders to install the new higher order of service and disconnect the old service are related together and there is no lapse in service between installation of the higher order of service and disconnection of the existing service, and
 - the service orders are for the same customer at the same location

For the purposes of determining a higher order of service, the following ranking will be used (Analog Voice Grade (a.k.a. BellSouth SPA DS0 VG) = lowest, Channels for use with BellSouth Managed Shared Ring service = Highest):

Analog Voice Grade (a.k.a. BellSouth SPA DS0 VG) Services
DS0 (a.k.a. BellSouth SPA DS0 VG) Services
DS1 High Capacity (a.k.a. BellSouth SPA DS1) Service^{1, 2}
Channels for use with BellSouth Managed Ring service

5. Moves of Equipment

- a. The appropriate nonrecurring charges for inside moves for items associated with channel services as specified in this and other Tariffs are applicable. This type movement will not affect the contract period.
- b. Customer requests for moves of services(s) under CSPP, other than inside moves, will be subject to the conditions stated in 11. following.

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

Note 2: Effective March 17, 2024, customers may not establish new term plans of greater than month-to-month for High Capacity Service Channel Service Payment Plans.

Note 3: See Section 2.1.4 for Service availability.

(N)

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E2. GENERAL REGULATIONS**E2.4 Payment Arrangements And Credit Allowances (Cont'd)****E2.4.9 Optional Payment Plan (Cont'd)⁽⁴⁾**

(C)

A. Channel Services Payment Plan (Cont'd)**7. Renewal Options**

- a. The customer has the following renewal^{1, 2, 3} options:
 - (1) Prior to completion of the current payment period, any period available under the CSPP may be selected at the rates in effect for new customers at the time of the renewal.^{1, 2, 3} The customer will be charged the current rate for the newly selected payment period, commencing the day following completion of the prior payment period.
 - (2) Service may be continued on a month-to-month basis at the current rate for the one-month payment period, unless otherwise specified in this Tariff. The customer has no additional service commitment and, consequently, when service is terminated will not be subject to any termination charge. The one-month service will be subject to Company-initiated rate adjustments when approved by the appropriate regulatory authority.
 - (3) If the customer does not elect an additional payment period or does not request discontinuance of service, service will be continued at the monthly rate currently in effect for the month-to-month payment rate, under the terms specified in (2) preceding.
- b. Nonrecurring charges are not applicable for services renewed under the CSPP. Any new services added at the time of renewal will be subject to all appropriate nonrecurring charges.
- c. The Company may discontinue or change any or all renewal options with approval of the appropriate regulatory authority.
- d. When a customer renews a CSPP arrangement, the rates and charges in effect on the first day of service of the renewal will apply.
- e. Recognition of previous service will be given to customers who renew an existing CSPP arrangement, for the same or larger system(s) and all associated rate elements at the same location(s), provided that the length of the new CSPP arrangement is a minimum 24 month service period or equals/exceeds the remaining service period of the original CSPP arrangement, whichever is greater. An example of a larger system is the renewal of an Analog Voice Grade (a.k.a. BellSouth SPA DS0 Digital Data) service with a DS1 High Capacity (a.k.a. BellSouth SPA DS1) service.
- f. Recognition of previous service will be given to month-to-month customers with a service date of January 1, 1994 or later who convert to a CSPP arrangement, provided the minimum service period has been met. For customers whose service date is January 1, 1994 or earlier, recognition will be given for the previous service back to January 1, 1994. For customers whose service date is later than January 1, 1994, recognition for the previous service will be given back to the actual service date.
- g. To determine the appropriate CSPP Payment Plan for the renewed arrangement, recognition of service will consist of the sum of months in service of the completed service arrangement and the sum of the months of the proposed service period of the CSPP arrangement. For example, a CSPP arrangement for a 36-month^{2, 3} service period under the 36 month Term Payment Plan is renewed for 24 months with no changes at the end of the 36 month^{2, 3} period. The sum of months for the completed and proposed service periods would equal 60 months^{2, 3} and would be billed under the 60 month^{2, 3} Term Payment Plan. Another example is a Month-to-Month customer, in service for 15 months, who wishes to convert to a 60-month^{2, 3} CSPP arrangement with no changes. The combined service period of the Month-to-Month arrangement and the CSPP arrangement is equal to 75 months, which would be billed under the 84 month^{2, 3} Term Payment Plan.

Note 1: Effective March 23, 2019, Customers may not: (1) Establish CSPPs for Digital Data Access Service, Derived Data Channel Service, and FlexServ Service, (2) Establish CSPPs greater than 36 months for High Capacity Service, and (3) Convert or renew CSPPs for Digital Data Access Service, Derived Data Channel Service, FlexServ Service and High Capacity Service.

Note 2: Effective November 1, 2022, customers may not establish new term plans of greater than 24 months for High Capacity Service Channel Service Payment Plans.

Note 3: Effective March 17, 2024, customers may not establish new term plans of greater than month-to-month for High Capacity Service Channel Service Payment Plans.

Note 4: See Section 2.1.4 for Service availability.

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E2. GENERAL REGULATIONS**E2.4 Payment Arrangements and Credit Allowances (Cont'd)****E2.4.9 Optional Payment Plan (Cont'd)⁽¹⁾**

(C)

C. Transport Payment Plan (Cont'd)

4. Disconnects (Cont'd)

a. (Cont'd)

When a BellSouth Wavelength service, BellSouth Dedicated Ring, **BellSouth Metro Ethernet service** or SMARTRing service (a.k.a. BellSouth Dedicated Ring) TPP customer disconnects a rate element prior to the 12 month TPP minimum, all current month-to-month nonrecurring charges associated with the BellSouth Wavelength service rate elements, BellSouth Dedicated Ring, **BellSouth Metro Ethernet service** or the SMARTRing service (a.k.a. BellSouth Dedicated Ring) ring level rate elements will apply.

BellSouth Dedicated Ring and SMARTRing service (a.k.a. BellSouth Dedicated Ring) service ring level rate elements are defined as following: Local Channel, Interoffice Channel, Internodal Channel, Alternate Central Office Channel, Customer Node and Central Office Node. BellSouth Wavelength service rate elements are defined as Wavelength Channels.

- b. Except as provided in c. through f. following, when a BellSouth Wavelength service, BellSouth Dedicated Ring, **BellSouth Metro Ethernet service** or SMARTRing service (a.k.a. BellSouth Dedicated Ring) TPP customer disconnects services or rate elements prior to the minimum number of months for the plan period selected, termination liability charges will apply. The termination liability charge will be derived at the time of disconnection by taking the difference between the rate for the TPP period for which the customer subscribed, and the rate for the TPP period that the customer's completed service would otherwise qualify, and multiplying the difference by the number of months service the customer completed under a TPP. For example, a customer subscribes to a TPP for 73 months (Plan C) and terminates service after 20 months (Plan A). The termination liability charge will be applied by multiplying the number of months in service (20) by the difference between the Plan A and Plan C monthly rates. When a BellSouth Wavelength service, BellSouth Dedicated Ring, **BellSouth Metro Ethernet service** or SMARTRing service (a.k.a. BellSouth Dedicated Ring) customer disconnects service after the minimum number of months for the TPP arrangement selected but prior to the actual expiration date of the TPP arrangement, termination liability charges do not apply.

- c. When a TPP arrangement is disconnected prior to the expiration of a plan period due to a customer requested change to a higher order of service at the same location, or to expand or upgrade an existing service, termination liability charges will not apply when:

- (1) the customer has completed at least 6 months of the originally selected TPP service period, and
- (2) the service period of the new arrangement for the new service is equal to or longer than the remaining service period of the disconnected arrangement, and
- (3) the service orders to install the new service and disconnect the old service are related together and received by the Company at the same time, and there is no lapse in service between installation of the higher order of service and disconnection of the existing service, and
- (4) the capacity of the new service is equal to or greater than the existing service. For converting LightGate service (a.k.a. BellSouth SPA Point to Point Network) to SMARTPath service DS3 Transport service (a.k.a. BellSouth SPA DS3 Shared Ring), the capacity of the LightGate service (a.k.a. BellSouth SPA Point to Point Network) is considered to be the quantity of DS3s activated on the LightGate service (a.k.a. BellSouth SPA Point to Point Network). **Specific changes of BellSouth Metro Ethernet service that are considered to be the same or higher order of service are set forth in E7.4.32 of this Tariff.**

For the purposes of determining a higher order of service in all payment plans, the following ranking will be used (Analog Voice Grade (a.k.a. BellSouth SPA DS0 VG) service=lowest, SMARTRing service (a.k.a. BellSouth Dedicated Ring)=highest):

- Analog Voice Grade (a.k.a. BellSouth SPA DS0 VG) services
- DS0 (a.k.a. BellSouth SPA DS0 Digital Data) Services
- DS1 (a.k.a. BellSouth SPA DS1) Services
- SMARTPath service (a.k.a. BellSouth SPA DS1 Shared Ring)
- BellSouth Wavelength service
- SMARTRing service (a.k.a. BellSouth Dedicated Ring)/BellSouth Dedicated Ring/ Channels for use with BellSouth Managed Shared service

- d. A termination liability charge will not apply to disconnects of channel interfaces associated with LightGate service (a.k.a. BellSouth SPA Point to Point Network), BellSouth Dedicated Ring and/or SMARTRing services (a.k.a. BellSouth Dedicated Ring).

Note 1: See Section 2.1.4 for Service availability.

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E2. GENERAL REGULATIONS**E2.6 Definitions (Cont'd)****CHANNELIZE**

The term "Channelize" denotes the process of multiplexing-demultiplexing wider bandwidth or higher speed channels into narrower band-width or lower speed channels, and vice versa.

CLEAR CHANNEL CAPABILITY

The term "Clear Channel Capability" denotes the ability to transport twenty-four, 64Kbps channels over a 1.544 Mbps High Capacity⁽¹⁾ service via B8ZS line code format.

(C)

C-MESSAGE NOISE

The term "C-Message Noise" denotes the frequency weighted average noise within an idle voice channel. The frequency weighting, called C-message, is used to simulate the frequency characteristic of the 500-type telephone set and the hearing of the average subscriber.

C-NOTCHED NOISE

The term "C-Notched Noise" denotes the C-message frequency weighted noise on a voice channel with a holding tone, which is removed at the measuring end through a notch (very narrow band) filter.

(DELETED)**COMMON LINE**

The term "Common Line" denotes a line, trunk, pay telephone line or other facility provided under the General Subscriber Service Tariff of the Company, terminated on a central office switch. A common line-residence is a line or trunk provided under the residence regulations of the General Subscriber Service Tariff. A common line-business is a line provided under the business regulations of the General Subscriber Service Tariff.

COMMUNICATIONS SYSTEM

The term "Communications System" denotes channels and other facilities which are capable of communications between terminal equipment provided by other than the Company.

COMPANY

Whenever used in this Tariff, the term "Company" or the name South Central Bell Telephone Company denotes BellSouth Telecommunications, LLC

CUSTOMER(S)

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this Tariff, including both Interexchange Carriers (ICs) and End Users except in Section 6 of Tariff FCC No. 1, BellSouth SWA service, where "Customer(s)" denotes Interexchange Carriers (ICs), Enhanced Service Providers (ESPs), End Users for BellSouth SWA FGA FX/ONAL service, and 500 Service Providers for BellSouth SWA 500 service.

Note 1: See Section 2.1.4 for Service availability.

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E2. GENERAL REGULATIONS

E2.6 Definitions (Cont'd)

LOCAL TANDEM SWITCH

The term "Local Tandem Switch" denotes a local Company switching unit by which local or access telephonic communications are switched to and from an End Office Switch.

LOCATION PROVIDER

The term "Location Provider" denotes the person or persons having a legal authority to permit the Payphone Service Provider to place pay telephones on their premises.

LOOP AROUND TEST LINE

The term "Loop Around Test Line" denotes an arrangement utilizing a Company central office to provide a means to make certain two-way transmission tests on a manual basis. This arrangement has two central office terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

LOSS DEVIATION

The term "Loss Deviation" denotes the variation of the actual loss from the designed value.

MAJOR FRACTION THEREOF

The term "Major Fraction Thereof" is any period of time in excess of 1/2 of the stated amount of time. As an example, in considering a period of 24 hours, a major fraction thereof would be any period of time in excess of 12 hours exactly. Therefore, if a given service is interrupted for a period of thirty-six hours and fifteen minutes, the customer would be given a credit allowance for twenty-four hour periods for a total of forty-eight hours.

MARITIME RADIO COMMON CARRIERS (MRCCs)

The term "Maritime Radio Common Carriers (MRCCs)" denotes carriers which are regulated under Part 81 of the Federal Communications Commission's Rules and Regulations.

MESSAGE

The term "Message" denotes a "call" as defined preceding.

MILLIWATT (102 TYPE) TEST LINE

The term "Milliwatt (102 Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurements towards the customer's premises from the Company end office.

MINUTES OF USE (See Access Minutes)

MOBILE TELEPHONE SWITCHING OFFICE (MTSO)

The term "Mobile Telephone Switching Office (MTSO)" denotes a Cellular Mobile Carrier (CMC) switching system that is used to terminate mobile stations for purposes of interconnection to each other and to trunks interfacing with the public switched network.

NETWORK CHANNEL INTERFACE (NCI) CODE UPDATE⁽¹⁾

(C)

The term "Network Channel Interface (NCI) Code Update" denotes the manual or mechanical activity performed to update the NCI code on each sub-DS1 level circuit riding a DS1 High Capacity (a.k.a. BellSouth SPA DS1) service that is converted (rolled over) to a DS3 High Capacity (a.k.a. BellSouth SPA DS3) service.

NETWORK CONTROL SIGNALING

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.

Note 1: See Section 2.1.4 for Service availability.

(N)

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E2. GENERAL REGULATIONS**E2.12 TDM to IP Transition****E2.12.1 General TDM to IP Transition Provisions⁽¹⁾**

(C)

As a result of evolving network technology, the Telephone Company is able to offer new, advanced services. At the same time, certain older services will no longer be available in some geographic areas, as those services are no longer technically or economically feasible. The table below identifies services that have been withdrawn, by wire center and exchange, along with additional information related to these service withdrawals.

<u>Product Name</u>	<u>Reference</u>
Metallic (aka BellSouth SPA Metallic) Service	E7.2.1
Telegraph Grade (aka BellSouth SPA Telegraph) Service	E7.2.2
Voice Grade (aka BellSouth SPA DS0 VG) Service	E7.2.3
Digital Data Access (aka BellSouth SPA DS0 Digital Data) Service	E7.2.7
High Capacity (aka BellSouth SPA High Capacity) Service (64 kbps, 3.152 and 6.312 Mbps)	E7.2.8
Derived Data Channel (aka BellSouth SPA Derived Data Channel) Service	E7.2.15
FlexServ Service (aka BellSouth SPA Customer Reconfiguration)	E7.4.12

<u>Effective Date</u>	<u>Exchange</u>	<u>Other Information</u>
<u>Wire Center</u> 07/15/2020 PIVLKYMA	Pineville	Distribution Area 4203PA

Note 1: See Section 2.1.4 for Service availability.

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

E5.1 General

E5.1.1 Scope⁽²⁾

- A. This section sets forth the regulations and order related charges for Access Orders for BellSouth SWA and Special Access (a.k.a. BellSouth SPA) services. These charges are in addition to other applicable charges as set forth in other sections of this Tariff.
- B. An Access Order is the customer's request for the Company to provide the customer with BellSouth SWA service or Special Access (a.k.a. BellSouth SPA) service or to provide modifications to existing service. An Access Order may be submitted by Access Service Request (ASR) or by such other ordering processes as the Company may provide. Depending upon the services, facilities or service interval dates requested, one or more Access Orders may be required to provide the customer with access service.

E5.1.2 Ordering Conditions

- A. A customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identical except for those of multipoint service.
- B. The customer shall provide all information necessary for BellSouth to provide and bill for the requested service. In addition to the order information required in Section E5.2 and E5.4, the customer must also provide:
 - Customer name and premises address(es).
 - Billing name and address (when different from customer name and address).
 - Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.
- C. A customer that orders services from this Tariff as an Enhanced Service Provider (ESP), must provide a signed statement that it meets the ESP definition as provided in Section E2.6.
- D. Orders for BellSouth SWA FGA and BellSouth SWA LSBSA service shall be in lines.
- E. Orders for BellSouth SWA FGB and BellSouth SWA TSBSA shall be in trunks.
- F. A customer who converts from an existing BellSouth SWA FG 1 service to an equivalent unbundled service (i.e., BellSouth SWA FGA to BellSouth SWA LSBSA, BellSouth SWA FGB to BellSouth SWA TSBSA 1 and BellSouth SWA FGD to BellSouth SWA TSBSA 3) shall do so on no lower than an end office level. The Company and the customer will work cooperatively to accomplish these conversions.
- G. The day upon which the customer has provided to BellSouth a firm commitment for the service and complete and accurate information to allow for the processing of the Access Order by three o'clock p.m. Eastern Standard Time (EST)¹ is the Application Date. BellSouth will release an optional initial Pending Order Confirmation, which will include the BellSouth order number and circuit identification. At the customer's request, when the BellSouth facility availability is verified, either a Firm Order Confirmation, which will include critical date information, or a Design and Ordering Confirmation, which will include design as well as critical date information, will be released. Critical date information will include the Service Date. The Service Date (also sometimes referred to as the due date) is the date service is to be made available to the customer and billing will commence.
A Pending Order Confirmation is available for orders for BellSouth-provided switched access dedicated transport services, where ordered separately from other switched access services, and for BellSouth-provided special access services. A Design and Ordering Confirmation is not available for orders submitted by end users. A Pending Order Confirmation and a Design and Ordering Confirmation are not available for orders for services provided jointly with another Exchange Telephone Company.
- H. The time required to provision the service (i.e., the interval between the Application Date and the Service Date) is known as the service interval. Such intervals will be established in accordance with published service date interval guidelines, which are available to customers upon request, whether the customer's service is subject to standard or negotiated intervals. The customer may request a service date other than that established pursuant to the service date interval guidelines, and the Company, where possible, will establish the service date in accordance with such request, subject, however, to other applicable provisions of this Tariff.
A customer who initiates a conversion (rollover) of a DS1 to a DS3 High Capacity service is also responsible for submitting Network Channel Interface (NCI) Code Update requests, either mechanically or manually, on all sub-DS1 level circuits that ride the channelized DS1 High Capacity service being rolled over. The Company and customer will work cooperatively to establish the number of circuits which may be submitted monthly for purposes of mechanical NCI Code updates associated with rollovers of DS1 High Capacity service to DS3 High Capacity service.

Note 1: Access Orders received after three o'clock p.m. EST will be processed the next business day, which will be the Application Date.

Note 2: See Section 2.1.4 for Service availability.

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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)

E5.2.1 Provision of Service (Cont'd)

- F. For **BellSouth** Directory Assistance (DA) Access service, the customer shall specify the number of trunks from the customer's premises to the DA location. Unless direct routing is specified by the customer, **BellSouth** DA Access service will be provided with a **BellSouth SWA FGB**, **BellSouth SWA FGD** or **BellSouth SWA** TSBSA service. The customer shall also specify which **BellSouth SWA FGB**, **BellSouth SWA FGD** or **BellSouth SWA** TSBSA service trunk group is to be associated with the **BellSouth** DA Access Service.
- G. For all Special Access (*a.k.a. BellSouth SPA*) services, the customer must specify the customer premises or Hubs involved, the channel type (e.g., Voice Grade(*a.k.a. BellSouth SPA DSO VG*), High Capacity(*a.k.a. BellSouth SPA High Capacity*)⁽¹⁾, etc.), the channel interface, technical specification package and options desired. When ordering to a Hub, no interface combinations are required but Hub functions must be specified. For multipoint services, the channel interface at each premises may, at the request of this customer, be different but all such interfaces shall be compatible. (C)
- H. For Switched **BellSouth SWA** Transport services, the customer must specify the Facility Hubs involved, if applicable, the channel type (e.g. **BellSouth SWA VG**, **BellSouth SWA** DS1, etc.), the channel interface, and any options desired.
- I. Where the Special Access (*a.k.a. BellSouth SPA*) service is subject to the surcharge, as set forth in Section E7. following and the customer does not use the Special Access (*a.k.a. BellSouth SPA*) service as described and desires an exemption from the surcharge, it shall furnish with the order the certification as set forth in Section E7. following.
- J. For WATS Access Line (*a.k.a. BellSouth SPA WATS Line*) service, the customer must also specify the type of calling (i.e., Originating Only or Terminating Only) for which the service is to be provided. Additionally, when necessary screening functions are not provided at the wire center which serves the customer's originating or terminating premises, the Company will provide the service to the nearest wire center where the capability exists. In these circumstances, the customer will be so notified and the order will be changed to designate the appropriate premises. No charge will apply for the change.
- K. To enable a customer to receive flat rate treatment on a WATS Access Line (*a.k.a. BellSouth SPA WATS Line* used to provide terminating service (i.e., **BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening** Service), the customer must specify, by jurisdiction, the telephone number which is used to route the call.
- L. **BellSouth SWA 900 Service**

For **BellSouth SWA 900** service, the customer shall order in the same manner which is set forth preceding for ordering **BellSouth SWA FGD** or **BellSouth SWA** TSBSA 3 with the following exception. The customer must order **BellSouth SWA FGD** or **BellSouth SWA** TSBSA 3 to all access tandems or direct connections to all end offices designated by the Company as **BellSouth SWA 900** service screening offices within the state. Direct trunk routes cannot be provided unless the end office is equipped to provide the customer identification function. All traffic originating from end offices not equipped to provide the customer identification function will require routing via the access tandem at which the function is available. Service must be ordered accordingly. In addition, the customer shall specify whether 900 NXX codes provided to the customer should be arranged for 1+ dialing only or for both 1+ and 0+ dialing. All 900 NXXs provided to an individual customer will be arranged for either 1+ dialing only or for both 1+ and 0+ dialing.

When the customer desires activation of a 900 NXX code for 900 NXX screening the customer shall submit an Access Service Request (ASR) whether or not additional capacity is required.

- M. When ordering **BellSouth** Operator Transfer Service, the customer shall specify the number of new or additional **BellSouth SWA FGD** or **BellSouth SWA** TSBSA 3 trunks desired, if any, to carry originating traffic from the Operator Services System location to the customer location in each LATA served by the Operator Services System where the customer requests **BellSouth** Operator Transfer Service as specified in Section E18.

Note 1: See Section 2.1.4 for Service availability.

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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)⁽²⁾

(C)

B. (Cont'd)

4. (Cont'd)

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%	5.90%	9.40%	12.60%	16.00%	22.30%
Voice Grade (a. k. a. BellSouth SPA DSO VG)		1.60%	5.90%	9.40%	12.60%	16.00%	22.30%
Telegraph Grade (a. k. a. BellSouth SPA Telegraph)		1.70%	6.40%	10.10%	13.40%	17.10%	22.90%
Metallic Grade (a. k. a. BellSouth SPA Metallic)		1.70%	6.50%	10.30%	13.70%	17.40%	22.30%
High Capacity (a. k. a. BellSouth SPA High Capacity)		7.90%	17.80%	19.90%	23.30%	28.10%	34.90%
Digital Data Access (a. k. a. BellSouth SPA DSO Digital Data)		1.60%	5.90%	9.40%	11.10%	21.80%	23.80%
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%
BellSouth SWA High Capacity Facilities		7.90%	17.80%	19.90%	23.30%	28.10%	34.90%
BellSouth Wavelength Service		7.90%	17.80%	19.90%	23.30%	28.10%	34.90%
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)		35.90%	45.40%	58.10%	84.70%	100.00%	
Voice Grade (a.k.a. BellSouth DSO VG)		35.90%	45.40%	58.10%	84.70%	100.00%	
Telegraph Grade (a.k.a. BellSouth SPA Telegraph)		35.20%	43.30%	60.30%	88.40%	100.00%	
Metallic Grade (a.k.a. BellSouth SPA Metallic)		33.60%	42.00%	55.10%	83.70%	100.00%	
High Capacity (a. k. a. BellSouth SPA High Capacity)		48.10%	57.70%	63.90%	84.10%	100.00%	
Digital Data Access (a. k. a. BellSouth SPA DSO Digital Data)		34.20%	41.00%	52.50%	81.50%	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 Facilities		48.10%	57.70%	63.90%	84.10%	100.00%	
BellSouth Wavelength Service		48.10%	57.70%	63.90%	84.10%	100.00%	

Note 1: As set forth in Section **E5.2.4.B.2**, when a customer cancels an order prior to the Design Layout Report Date, no cancellation charges apply.

Note 2: See Section 2.1.4 for Service availability.

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Note 1: See Section 2.1.4 for Service availability.

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Note 1: (DELETED)

Note 2: See Section 2.1.4 for Service availability.

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Note 1: See Section 2.1.4 for Service availability.

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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⁽⁵⁾

(C)

- A. There are nine 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
- B. 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.
- C. 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. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as Metallic⁴ (a.k.a. BellSouth SPA Metallic) service in this Tariff, there is no restriction against doing so.
- D. Following is a brief description of each type of channel:
 1. Metallic⁴ (a.k.a. BellSouth SPA Metallic) - a channel for the transmission of low speed varying signals at rates up to 30 baud.
 2. Telegraph (a.k.a. BellSouth SPA Telegraph) Grade⁴ - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.
 3. Voice Grade⁴ (a.k.a. BellSouth SPA DS0 VG) - a channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.
 4. WATS Access Line⁴ (a.k.a. BellSouth SPA WATS Line) (WAL) - a channel from a customer designated premises to a WATS serving office for 800, WATS or similar service.
 5. **(DELETED)**
 6. **(DELETED)**
 7. Digital Data Access⁴ (a.k.a. BellSouth SPA DS0 Digital Data) - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6 or 56.0 kbps.
 8. 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.
 9. Derived Data Channel⁴ (a.k.a. BellSouth SPA Derived Data Channel) - a digital data channel derived from a two-wire local exchange facility that transmits voice and data signals simultaneously.

Note 1: Company-provided Centrex Type Services systems 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 access lines (a.k.a. BellSouth SPA WATS Line) are considered to be Special Access (a.k.a. BellSouth SPA) service.

Note 3: **(DELETED)**

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.

Note 5: See Section 2.1.4 for Service availability.

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

E7.1 General (Cont'd)

E7.1.1 Channel Types (Cont'd)⁽³⁾

(C)

Detailed descriptions of each of the channel types are provided in E7.2.

The customer also has the option of ordering digital high capacity facilities (i.e., 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, and 44.736 Mbps) to a Company Hub for channelization to individual channels of a lower capacity. Descriptions of the types of channelization available at the hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in E7.2. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are also set forth in E7.2.

For example, a customer may order a 44.736 Mbps facility from a customer designated premises to a Company Hub for channelization to twenty-eight 1.544 Mbps channels. The 1.544 Mbps channels may be further channelized at the same or a different Hub to Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) channels or may be extended to other customer designated premises. Optional features may be added to either the 1.544 Mbps or the Voice Grade¹ channels.

E7.1.2 Rate Categories

There are five basic rate categories which apply to Special Access (a.k.a. BellSouth SPA) service:

- Local Channels (described in E7.1.2.A)
- Interoffice Channel (described in E7.1.2.B)
- Optional Features and Functions (described in E7.1.2.C)
- SMARTRing^{®2} service (a.k.a BellSouth Dedicated Ring)

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.

Note 2: 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.

Note 3: See Section 2.1.4 for Service availability.

(N)

Material previously appearing on this page now appears on page(s) 2.1 of this section.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.1 General (Cont'd)****E7.1.2 Rate Categories (Cont'd)⁽²⁾**

(C)

C. Optional Features and Functions (Cont'd)

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements
- FlexServ[®] service (a.k.a. BellSouth SPA Customer Reconfiguration)

A Hub is a Company designated serving wire center at which bridging or channelization functions are performed. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. The channelization functions are to channelize analog or digital facilities to individual services requiring a lower capacity. National Exchange Carrier Association Tariff FCC No. 4 identifies serving wire centers, Hub locations and the type of bridging or channelization functions available.

Descriptions for each of the available Optional Features and Functions are set forth in E7.2. following.

D. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing[®] service [a.k.a. BellSouth Dedicated Ring])**1. Customer Node**

Customer Nodes provide ring switching capabilities at customer designated locations other than Telephone Company Premises that are part of SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring). This rate element offers OC-3, OC-3+, OC-12, OC-48, or OC-48+ network capacities. An OC-1 network capacity is available only in an Overlay Ring Arrangement riding the customer's host OC-12, OC-48, or OC-48+ SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring) installed on or after June 3, 1994. A summary of the channel interfaces available with each node are specified in E7.2.16.A following.

2. Customer Channel Interface

A Customer Channel Interface provides DS1, DS3, STS-1 electrical channelization and/or OC-3 and/or OC-12 optical channelization that may take place at each Customer Node of SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring). The Customer Channel Interface rate element applies for every interface capacity that originates or terminates at a Customer Node. A summary of the channel interfaces available with each node are specified in E7.2.16.A. following.

Note 1: 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.

Note 2: See Section 2.1.4 for Service availability.

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

E7.1 General (Cont'd)

E7.1.2 Rate Categories (Cont'd)

D. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing¹ service [a.k.a. BellSouth Dedicated Ring])

6. Alternate Central Office Channel

The Alternate Central Office Channel provides for the communications path between a customer node and an alternate central office. It is available with all capacities of SMARTRing service (a.k.a. BellSouth Dedicated Ring) except OC-1.

7. Interoffice Channel

The Interoffice Channel provides for the communications path between directly connected Telephone Company central offices located on a SMARTRing service (a.k.a. BellSouth Dedicated Ring). It is available with all capacities of SMARTRing service (a.k.a. BellSouth Dedicated Ring) except OC-1. This rate element does not apply where Central Office Nodes are adjacently connected in the same Central Office on the same SMARTRing service (a.k.a. BellSouth Dedicated Ring) for the purpose of providing additional node capacity.

8. Internodal Channel

The Internodal Channel provides for the communications path between two directly connected Customer Nodes of a given SMARTRing service (a.k.a. BellSouth Dedicated Ring) located (a) in the same Serving Wire Center area or (b) in the same Office Park/Campus Environment or contiguous property, located in contiguous Serving Wire Center areas. It is available with all capacities of SMARTRing service (a.k.a. BellSouth Dedicated Ring) except OC-1. This rate element does not apply where Customer Nodes are adjacently connected in the same building on the same SMARTRing service (a.k.a. BellSouth Dedicated Ring) for the purpose of providing additional node capacity.

9. Channel Interface Capacity Reallocation

Channel Interface Capacity Reallocation allows the customer to reallocate STS-1, DS3 capacity interfaces at each node subsequent to the initial service installation.

E. Reserved for Future Use

F. Access Collocation Cross-Connects

Access Collocation Cross-Connects provide a means for customers to interconnect their Shared Use and Digital High Capacity (a.k.a. BellSouth SPA High Capacity)⁽²⁾ to Central Office Collocation arrangements within the same Central Office. 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.

(C)

Note 1: 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.

Note 1: (DELETED)

Note 2: See Section 2.1.4 for Service availability.

(N)

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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⁽²⁾ (a.k.a. BellSouth SPA DS0 VG) 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⁽²⁾ (a.k.a. BellSouth SPA DS0 VG) 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., Metallic⁽²⁾ (a.k.a. BellSouth SPA Metallic), Telegraph⁽²⁾ (a.k.a. BellSouth SPA Telegraph) and for digital services (i.e., Digital Data Access⁽²⁾ (a.k.a. BellSouth SPA DS0 Digital Data) and High Capacity (a.k.a. BellSouth SPA High Capacity⁽³⁾)), acceptance tests will include tests for the parameters applicable to the service as specified in the order for service. (C)

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade⁽²⁾ (a.k.a. BellSouth SPA DS0 VG) 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. There are two ordering options available to the customer in the provision of Special Access (a.k.a. BellSouth SPA) service. These are:
 1. Access Order
- B. These options are 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.).

(1) **(DELETED)**

- (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.

- (3) See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions⁽³⁾**

(C)

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

- Metallic¹ (a.k.a. BellSouth SPA Metallic) (MT)
- Telegraph Grade¹ (a.k.a. BellSouth SPA Telegraph) (TG)
- Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) (VG)
- **(DELETED)**
- Digital Data Access¹ (a.k.a. BellSouth SPA DS0 Digital Data) Service (DDAS)
- High Capacity (a.k.a. BellSouth SPA High Capacity) (HC)
- WATS Access Line¹ (a.k.a. BellSouth SPA WATS Line) (WAL)
- Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) Service
- Self-Healing Rings (SMARTRing² service [a.k.a. BellSouth Dedicated Ring])

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.

Note 2: 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.

Note 3: See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)⁽³⁾**

(C)

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:

Metallic ⁽²⁾ (a.k.a. BellSouth SPA Metallic)	TR-NPL-000336
Telegraph Grade ⁽²⁾ (a.k.a. BellSouth SPA Telegraph)	TR-NPL-000336
Voice Grade ⁽²⁾ (a.k.a. BellSouth SPA DSO VG)	TR-NPL-000335
	PUB 41004, Table 4
(DELETED)	
(DELETED)	
Digital Data Access ⁽²⁾ (a.k.a. BellSouth SPA DSO Digital Data)	TR-NPL-000341
For 2.4, 4.8, 9.6 and 56.0 Kbps	BellCore PUB 62310
For 19.2 Kbps	
	INC. BULLETIN
	CB-INC-100
	AT&T PUB 62310
	TA-TSY- 000342
	TR-NPL-000054
	TR-NPL-000334
WATS Access Line ⁽²⁾ (a.k.a. BellSouth SPA WATS Line)	BellSouth TR-73548
Derived Data Channel ⁽²⁾ (a.k.a. BellSouth SPA Derived Data Channel) service	BellSouth TR-73548, Addendum 1

E7.2.1 Metallic⁽²⁾ (a.k.a. BellSouth SPA Metallic) Service**A. Basic Channel Description**

A Metallic (a.k.a. BellSouth SPA Metallic) channel is an unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic (a.k.a. BellSouth SPA Metallic) channels are provided between customer designated premises or between a customer designated premises and a Company Hub where bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel. Metallic (a.k.a. BellSouth SPA Metallic) facilities will only be provided where available.

B. Technical Specifications Packages

Parameter	Package MT-		
	1	2	3
DC Resistance Between Conductors	X	X	
Loop Resistance			X
Shunt Capacitance			X

The technical specifications are delineated in Technical Reference TR-NPL-000336.

C. Channel Interfaces

Compatible channel interfaces are set forth in Technical Reference TR-NPL-000336.

⁽¹⁾ **(DELETED)**

⁽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.

⁽³⁾ See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)⁽²⁾**

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E7.2.3 Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) Service (Cont'd)

D. Optional Features and Functions (Cont'd)

6. Telephoto Conditioning (Cont'd)

Attenuation Distortion
(1004 Hz Reference)

Frequency Range (Hz)	Variation (dB)
500 - 3000	- 0.5 to + 1.5
300 - 3200	- 1.0 to + 2.5

Envelope Delay Distortion	
Frequency Range (Hz)	Variation (mcs)
1000 - 2600	Less than 111
800 - 2800	Less than 181

7. Signaling Capability

Signaling Capability provides for the process by which one customer premises alerts another customer premises on the same service with which it wishes to communicate.

8. Improved Termination

The Improved Termination option provides a fixed 600 ohm impedance, a variable level range and simplex reversal, when applicable, at the point of termination. Company equipment is required at the customer's premises when this option is ordered. The Improved Termination parameters are delineated in Technical Reference TR-NPL-000335.

9. Simplex Reversal

The Simplex Reversal option physically turns over the simplex DC path presented at the four-wire point of termination when LO, LS, GO, GS, & DX signaling is provided at the point of termination.

10. FlexServ® service (*a.k.a. BellSouth SPA Customer Reconfiguration*)

FlexServ® service (*a.k.a. BellSouth SPA Customer Reconfiguration*) provides the customer the ability to monitor and reconfigure Voice Grade (*a.k.a. BellSouth SPA DS0 VG*) service provided by the Company. FlexServ® service (*a.k.a. BellSouth SPA Customer Reconfiguration*) is described in E7.4.12 following. Charges for this feature are contained in E7.5.16 following.

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.

Note 2: See Section 2.1.4 for Service availability.

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E7.2.3 Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) Service (Cont'd)**D. Optional Features and Functions (Cont'd)**

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package VG-											
	1	2	3	4	5	6	7	8	9	10	11	12
C-Type Conditioning					X	X	X	X	X	X		
Improved Attenuation												
Distortion					X	X	X	X	X	X		
Improved Envelope												
Delay Distortion					X	X	X	X	X	X		
Central Office												
Bridging												
Capability		X			X	X				X	X	X
Customer Specified												
Premises Receive												
Level		X	X				X	X	X			
D-Conditioning						X	X		X			
Echo Control												
Improved Return												
Loss		X	X				X					
ELEPL2	X	X	X		X		X					
FlexServ [®] service (a.k.a. BellSouth SPA Customer Reconfiguration)	X	X	X	X	X	X	X	X	X	X	X	
Improved Termination	X	X	X	X	X	X	X	X	X	X	X	X
Simplex Reversal	X	X	X				X	X	X			
Sealing Current												
Conditioning						X						
Signaling Capability	X	X	X				X	X	X			
Telephoto												
Conditioning											X	

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.

Note 2: See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)⁽²⁾**

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E7.2.7 Digital Data Access¹ (a.k.a. BellSouth SPA DS0 Digital Data) Service (Cont'd)**C. Channel Interfaces (Cont'd)**

CI	Bit Rate
DU-56(S) ¹	56.0 Kbps
DU-64	64.0 Kbps

Compatible channel interfaces are set forth in Technical Reference TR-NPL-000-341.

D. Optional Features and Functions

- Central Office Bridging Capability
- Secondary Channel Capability
- FlexServ® service (*a.k.a. BellSouth SPA Customer Reconfiguration*)

FlexServ® service (*a.k.a. BellSouth SPA Customer Reconfiguration*) provides the customer the ability to monitor and reconfigure Digital Data Access (*a.k.a. BellSouth SPA DS0 Digital Data*) service provided by the Company. FlexServ® service (*a.k.a. BellSouth SPA Customer Reconfiguration*) is described in E7.4.12 following. Charges for this feature are contained in E7.5.16 following.

4.

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package DA-					
	1	2	3	4	5	6
Central Office Bridging Capability	X	X	X	X	X	
Secondary Channel Capability						
FlexServ® Service (<i>a.k.a. BellSouth SPA Customer Reconfiguration</i>)	X	X	X	X	X	X

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.

Note 2: See Section 2.1.4 for Service availability.

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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⁽³⁾**

(C)

A. Basic Channel Description

A High Capacity (*a.k.a. BellSouth SPA High Capacity*) channel is a channel for the transmission of nominal 64.0 Kbps^{1, 2} or 1.544, 3.152, 6.312, or 44.736 Mbps isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity (*a.k.a. BellSouth SPA High Capacity*) channels are provided between customer designated premises or between a customer designated premises and a Company Hub.

The customer will provide the Network Channel Terminating Equipment associated with the High Capacity (*a.k.a. BellSouth SPA High Capacity*) channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

B. Technical Specifications Packages

Parameters	Package HC-				
	0	1	1C	2	3
Error-Free Seconds		X			

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference TR-NPL-000054.

Note 1: Available only as a cross connect (through connection) of two 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 Kbps channels of two 1.544 Mbps facilities to a Digital Data (*a.k.a. BellSouth SPA DS0 Digital Data*) Hub(s). The customer must provide system and channel assignment data.

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: See Section 2.1.4 for Service availability.

(N)

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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)⁽³⁾**

(C)

C. Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a High Capacity (*a.k.a. BellSouth SPA High Capacity*) channel:

CI	Bit Rate
DS-15 ^{1,2}	1.544 Mbps (DS1)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-63	6.312 Mbps (DS2)

Compatible channel interfaces are set forth in E7.3.1 following.

D. Optional Features and Functions

1.

2. Clear Channel Capability

- a. Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits, to meet pulse density requirements outlined in TR-NPL-000054 and TA-TSY-000342. This will allow a customer to transport an all zero octet over a DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channel, providing an available combined maximum 1.536 Mbps data rate. This arrangement requires the customer signal at the channel interface to conform to Bipolar with 8 Zero Substitution (B8ZS) line code as described in TR-NPL-000054 and TA-TSY-000342.
- b. CCC is provided on DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channels between two customer designated premises or between a customer-designated premises and a Company Hub location and is subject to the availability of facilities. This optional feature may be ordered at the same time the DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channel is ordered, or it may be ordered as an additional feature of an existing channel.
- c. When providing CCC via a DS3/44.736 Mbps High Capacity (*a.k.a. BellSouth SPA DS3*) channel, that DS3 channel must be designated, in Company records, as having Clear Channel Capability prior to the provisioning of a DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channel with CCC. Customers must agree to out-of-service periods required to add this feature to; 1) an existing DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channel or 2) a DS3/44.736 Mbps High Capacity (*a.k.a. BellSouth SPA DS3*) channel which transports a DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channel, to be optioned for B8ZS.

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.

Note 1: A 64.0 kbps channel is available as a channel(s) of a 1.544 mbps facility to a Company Hub.

Note 2: Effective June 30, 2021, 64.0 kbps 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: See Section 2.1.4 for Service availability.

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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)⁽³⁾**

(C)

D. Optional Features and Functions (Cont'd)

4. Channelization

a. DS3 to DS1

An arrangement that channelizes a 44.736 Mbps channel to 28 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 64.0 Kbps 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.

e. DS0 Basic Channelization System⁽²⁾

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 Interface⁽²⁾

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 Interface⁽²⁾

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.

⁽¹⁾ **(DELETED)**

⁽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.

⁽³⁾ See Section 2.1.4 for Service availability.

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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)⁽³⁾**

(C)

D. Optional Features and Functions (Cont'd)**6. FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration)**

FlexServ® service provides the customer the ability to monitor and reconfigure High Capacity (a.k.a. BellSouth SPA High Capacity) service provided by the Company. FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration) is described in E7.4.12. Charges for this feature are contained in E7.5.16.

The following table shows the technical specifications packages with which the optional features and functions are available.

Available With Technical Specifications Package HC-
0 1 1C 2 3

Channelization:

DS3 to DS1					X
DS2 to DS1				X	
DS1C to DS1			X		
DS1 Basic Channelization System		X			
DS0 Basic Channelization System ^{1,2}	X				
Transfer Arrangement		X			
Clear Channel Capability		X			
FlexServ® Service (a.k.a. BellSouth SPA Customer Reconfiguration)	X	X			

E7.2.9 Reserved for Future Use**E7.2.10 Reserved for Future Use****E7.2.11 Reserved for Future Use****E7.2.12 Reserved for Future Use****E7.2.13 Reserved for Future Use**

Note 1: Available only on 64.0 Kbps DDAS (a.k.a. BellSouth SPA DS0 Digital Data) service or on a DS1 (1.544 Mbps) channel with Clear Channel Capability to a Company hub.

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: See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)****E7.2.14 (DELETED) (Cont'd)****E7.2.15 Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) Service⁽²⁾**

(C)

A. Basic Service Description

Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) service (DDCS) provides full-duplex asynchronous or synchronous data transmission utilizing data over voice and subrate multiplexing technology. DDCS (a.k.a. BellSouth SPA Derived Data Channel) provides simultaneous data and voice transmissions over the customer's existing two-wire local exchange facility. A derived data channel is provided between the customer's premises and the customer's serving wire center.

At the customer's serving wire center the data/voice terminating equipment provides subrate multiplexing into a standard DS0-B interface for a group composed of a maximum of twenty derived data channels. The customer's derived data channel must be associated with a DS0-B interface. This association requires coordination between the subscriber of the derived data channel and the subscriber of the DS0-B interface. An interoffice channel is provided for interconnection of the subrate multiplexed DS0-B interface to the serving wire center of a customer designated premises.

DDCS (a.k.a. BellSouth SPA Derived Data Channel) is provided subject to the availability of appropriate network facilities and equipment and subject to the transmission limitations of the facilities and equipment used by the Company.

The customer will be responsible for selecting his own Customer Premises Equipment (CPE). CPE must be compatible with the Company provided terminating equipment at the serving wire center.

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.

Note 2: See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)****E7.2.15 Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) Service (Cont'd)⁽²⁾**

(C)

B. Channel Interfaces

The following channel interface (CI) is available for DDCS (a.k.a. BellSouth SPA Derived Data Channel).

CI

2DV5.BA

Bit Rate2.4 Kbps, Digital Data Over Voice¹

Compatible channel interface specifications are contained in BellSouth Technical Reference Publication 73548 for data/voice multiplexing equipment and BellSouth Technical Reference 73548, Addendum 1, for the DS0-B interface. These publications are available from the Information Exchange Manager, BellSouth Telecommunications, Inc., Documentations Operations, North W5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243.

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.

Note 2: See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.4 Rate Regulations**

This section contains the specific regulations governing the rates and charges that apply for Special Access (a.k.a. BellSouth SPA) service.

E7.4.1 Types Of Rates And Charges⁽⁵⁾

- A. There are two types of rates and charges. These are monthly rates and nonrecurring charges. The rates and charges are described as follows:

1. Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Special Access (a.k.a. BellSouth SPA) service is provided. For billing purposes, each month is considered to have 30 days.

Voice Grade² Data (a.k.a. BellSouth SPA DS0 VG) service is available under several payment plans: month-to-month (with a minimum of one month), Plan A (24-48 Months) or Plan B (49-72 Months). Plans A and B are provided under conditions specified in the Channel Services Payment Plan (CSPP), E2.4.9 of this Tariff, except as modified following:

-No charges apply for the conversion of existing Voice Grade² Data (a.k.a. BellSouth SPA DS0 VG) service under a month-to-month payment plan to a CSPP arrangement.

-A Termination Liability Charge will be applicable if services provided under a CSPP arrangement are disconnected prior to the end of the chosen service period. The termination charge is equal to the applicable rate per rate element for the current contract multiplied times the number of months remaining in the selected service period, multiplied by a factor. The factor is fifty percent (50%) for contracts that have been in effect twelve (12) months or less, or twenty percent (20%) for contracts that have been in effect longer than twelve (12) months.

-A Termination Liability Charge will not be applicable at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the contract plan for customer requested changes to a higher order of service covered by the CSPP as specified in E2.4.9.B.4.b., or for customer requested changes to services not covered by the CSPP that are offered by the Company under a contract payment plan provided that the applicable conditions set forth in E2.4.9.B.4.b. are satisfied.

Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) service and Derived Data Channels² (a.k.a. BellSouth SPA Derived Data Channel) service are offered under two contract plans. Contract plan rates are available in payment periods from twenty-four to forty-two months¹ and in payment periods from forty-three to sixty months¹ under conditions specified in the Channel Services Payment Plan in E2.4 of this Tariff. (These payment periods are an exception to those listed in E2.4 of this Tariff.) Termination Liability charges will not apply for IC or end user requests for moves of service under CSPP subject to the provisions set forth in E2.4.9.A.8. preceding. However, a Termination Liability Charge is applicable at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the contract plan except as specified in b. following. The Termination Liability Charge is determined by multiplying the contracted monthly rate times the number of months in the contract plan, less the contracted monthly rate times the number of months the service has been installed. An example is provided in a. following.

- a. A customer subscribes to Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) service using the twenty-four to forty-two month¹ payment plan. The contract plan period is for thirty months. The subscriber terminates the service after twelve months. The total liability charge is thirty months times the monthly rate. The amount is then reduced to reflect the number of months the subscriber has had the service, which in this example is twelve months. Therefore, the Termination Liability Charge is calculated as follows:

Termination Liability Charge = .50 x [(30 months x monthly rate) - (12 months x monthly rate)]

- b. A Termination Liability Charge will not be applicable at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the contract plan for customer requested changes to a higher order of service covered by the Channel Services Payment Plan as specified in E2.4.9.A.4.b., or customer requested changes to services not covered by the Channel Services Payment Plan that are offered by the Company under a contract payment plan provided that the applicable conditions set forth in E2.4.9.A.4.b are satisfied.

Contract rates are available for 1.544 Mbps High Capacity (a.k.a. BellSouth SPA DS1) service under variable rate periods, with rates based on lengths of 36 months^{3, 4}, 60 months^{3, 4}, or 84 months^{1, 3, 4} under conditions specified in the Channel Service Payment Plan in E2.4 of this Tariff. A Termination Liability Charge is applicable at the date of termination. The applicable charge is dependent on the contract period subscribed to and will be equal to the number of months remaining in the contract times the monthly contract rate provided under the contract. However, Termination Liability charges will not apply for customer requests for moves of service under CSPP subject to the provisions set forth in E2.4.9.A.11. preceding.

Note 1: Effective March 23, 2019, Customers may not convert, renew or establish CSPPs for Digital Data Access Service.

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

Note 4: Effective March 17, 2024, customers may not establish new term plans of greater than month-to-month for High Capacity Service Channel Service Payment Plans.

Note 5: See Section 2.1.4 for Service availability.

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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)⁽⁴⁾**

(C)

A. (Cont'd)**1. Monthly Rates (Cont'd)**

Rates applicable to a month-to-month payment option are subject to Company initiated changes.

2. 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 Grade³ (a.k.a. BellSouth SPA DS0 VG),
- **(DELETED)**
- Digital Data Access³ (a.k.a. BellSouth SPA DS0 Digital Data) service¹,
- High Capacity (a.k.a. BellSouth SPA High Capacity) service

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: See Section 2.1.4 for Service availability.

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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)⁽⁴⁾**

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A. (Cont'd)**2. Nonrecurring Charges (Cont'd)**

Provided, however, that the following services are not eligible for such credit.

- FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration)
- Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) service
- SMARTRing³ service (a.k.a. BellSouth Dedicated Ring)
- BellSouth Metro Ethernet² Service

a. Installation of Service

Nonrecurring charges apply to each service installed. When one service is ordered and installed, it is billed at the First Service Installed rate. When more than one of the same type of service, between the same locations, for the same customer is ordered and installed at the same time, one at each location is billed at the First Service Installed rate and the others are billed at the Additional Service Installed rate. Nonrecurring charges are per each rate element for Commercial Quality Video (a.k.a. BellSouth SPA Commercial Quality Video) service.

b. Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access (a.k.a. BellSouth SPA) service. The Initial nonrecurring charge applies if the feature or function is installed coincident with the primary service. The Subsequent nonrecurring charge applies if the feature or function is installed after the installation of the primary service.

First and Additional nonrecurring charges are applicable to activate each individual Central Office Channel Interface of a DS1 or DS0 Basic Channelization System¹ and are in addition to the nonrecurring charges for the DS1 or DS0 Basic Channelization System¹. A "First" Central Office Channel Interface nonrecurring charge is applicable to the first Central Office Channel Interface installed coincident with the installation of a DS1 or DS0 Basic Channelization System¹, per service request. The "Additional" nonrecurring charge applies for each additional Central Office Channel Interface, of the same type, ordered and installed at the same location, for the same customer, at the same time, on the same order request. Future requests for a Central Office Channel Interface on an existing DS1 or DS0 Basic Channelization System¹ will be treated as new requests and will require "First" and "Additional" Central Office Channel Interface nonrecurring charge application in addition to any other applicable charges.

One nonrecurring charge is applicable for each individual DS1 level central office or customer channel interface, and is in addition to any other applicable charge(s).

The nonrecurring charges for the installation of optional features and functions are set forth in E7.5 following as nonrecurring charges for optional features and functions associated with the specific services.

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.

Note 2: Effective on or after August 22, 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 March 31, 2023.

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.

Note 4: See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.4 Rate Regulations (Cont'd)****E7.4.2 Surcharge For Special Access (a.k.a. BellSouth SPA) Service (Cont'd)⁽³⁾**

(C)

E. Application of Rates

- The monthly Special Access Surcharge applies to Special Access (a.k.a. BellSouth SPA) services arranged, as set forth in A. preceding, on a per voice equivalent basis as shown in the following example.

Special Access (a.k.a. BellSouth SPA) service	Voice Grade (a.k.a. BellSouth SPA DSO VG) Equivalent	Surcharge	Monthly Charge
Voice Grade (a.k.a. BellSouth SPA DSO VG)	1 X	\$ 25.00	\$ 25.00
DS1	24 X	25.00	600.00

- In the case of multipoint Special Access (a.k.a. BellSouth SPA) service, one Special Access Surcharge will apply for each termination at a customer designated premises except that the surcharge applies at the customer designated premises at which the Access Service is connected to intrastate service.
- The Company will bill the surcharge to the customer who orders the Special Access (a.k.a. BellSouth SPA) service unless the Service is exempt as set forth in B. preceding.

The rate for the Special Access Surcharge is set forth in E7.5.10. following.

E7.4.3 Message Station Equipment Recovery Charge

The Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment that is assigned to Special Access (a.k.a. BellSouth SPA) service.

This charge is assessed only to those customers to which the Special Access (a.k.a. BellSouth SPA) Surcharge applies. The rate for the Message Station Equipment Recovery Charge is set forth in E7.5.9 following.

E7.4.4 Minimum Periods

Except under conditions specified in E2.4.2 of this Tariff and following, the minimum service period for all services is one month.

The minimum service period for High Capacity (a.k.a. BellSouth SPA High Capacity) ICB services is specified in the Individual Case Basis Filing.

The minimum service period for Custom Network Service is specified in each Custom Network Service Arrangement in E7.7 following.

The minimum service period for SMARTRing² service (a.k.a. BellSouth Dedicated Ring) and BellSouth Metro Ethernet¹ service is four (4) months

Note 1: Effective on or after August 22, 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 March 31, 2023.

Note 2: 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.

Note 3: See Section 2.1.4 for Service availability.

(N)

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.4 Rate Regulations (Cont'd)⁽⁴⁾**

(C)

E7.4.7 Facility Hubs

A customer has the option of ordering Voice Grade² facilities or digital 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., Telegraph², Voice², etc.). 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 Grade² (a.k.a. BellSouth SPA DS0 VG), 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 Grade² 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 high capacity DS1 service channels via LightGate (a.k.a. BellSouth SPA Point to Point Network) and SMARTRing³ (a.k.a. BellSouth SPA Dedicated Ring) services, 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.

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.

Note 4: See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.4 Rate Regulations (Cont'd)****E7.4.8 Shared Use Analog And Digital High Capacity Services⁽³⁾**

(C)

Shared use occurs when Special Access (a.k.a BellSouth SPA) service and BellSouth SWA service are provided over the same High Capacity Special Access facility through a common interface. The Special Access monthly rate for the Local Channel, Interoffice Channel, if applicable Basic Channelization System and Central Office Channel Interface (s) will apply, regardless of whether any individual channels of the shared Special Access (BellSouth SPA) facility are used for Special Access (BellSouth SPA) service, BellSouth SWA service, or any other type of service. The practice known as “ratcheting” (to apply non-Special Access rates on a proportional basis) shall not apply in any circumstance.

Note 1: (DELETED)

Note 2: (DELETED)

Note 3: See Section 2.1.4 for Service availability.

(N)

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.4 Rate Regulations (Cont'd)****E7.4.12 FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) (Cont'd)⁽¹⁾**

(C)

A. General (Cont'd)**1. (Cont'd)**

Reconfiguration and monitoring are not available during the performance of routine maintenance of the Company's facilities and equipment used to provide FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration).

The Local and Interoffice Channels which are terminated into FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) are subject to all regulations and charges contained in their respective sections of this Tariff in addition to those contained herein.

Different switching options may be available in the same central office. If customers desire more than one switching option in the same central office and facilities are available, a channel connection is required for each FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) switching option connected.

FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) is furnished only in serving wire centers where facilities are available.

2. Customer Circuits

There are *three* types of channel connections which can be connected to FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) - DS0 (single channel), DS1 (1.544 Mbps) *and DS3 (44.736 Mbps) digital circuits.*

DS0 Channel Connections - There are two types of DS0 channel connections - Voice Grade and Digital. Both types of DS0 connections will be switched at a DS0 level.

DS1 Channel Connections - There are two types of connections available for a customer desiring to terminate a DS1 circuit - DS0 switching and DS1 switching. For example, if a customer needs to be able to monitor or reconfigure the 24 DS0 circuits riding on the DS1 channel, then the customer would purchase a DS1 channel connection with DS0 switching. If the customer does not need access to the individual DS0 circuits, then the customer would purchase a DS1 channel connection with DS1 switching. *A monitoring only option (i.e., surveillance) is also provided for DS1 channel connections. This option may also be used for terminating SWA DS1 channels.*

DS3 Channel Connections (Monitoring Only) - There are two types of connections available for terminating a DS3 circuit - DS1 and DS3. This option provides for termination of SWA and SPA DS3 channels for monitoring purposes only (i.e., surveillance). If the customer needs monitoring for 28 DS1 circuits, then the customer would purchase a DS3 channel connection at DS1 level. The customer would purchase a DS3 channel connection at DS3 level if the customer wants to monitor the entire DS3 circuit.

3. FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) Options

a. **Additional Concurrent User Access:** This option provides the customer the ability to establish additional concurrent connections to the Company for the communication of monitoring and reconfiguration signals. One additional customer identification code is provided with each additional User Access. For each Additional Concurrent User Access ordered, the customer must also order an additional Management Terminal Interface from the General Subscriber Services Tariff.

b. **Additional User Identification Codes:** This option provides customer identification codes in addition to that provided with each User Access. If the customer has a Dial Access to FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration), then the customer must also order an additional Security Card from the General Subscriber Services Tariff.

c. **Additional Customer Training:** This option provides one eight hour day of customer training in addition to that included with basic FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration). These training classes are conducted at a designated Company location. All other terms that apply for the initial training apply for the subsequent training.

d. **Multipoint Bridging:** Multipoint Bridging is a capability, which permits the cross connection of multiple channels equipped with FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration).

(1) Multipoint Bridging, sometimes referred to as "DMB", is an option on voice grade service that allows the customer the capability to perform reconfigurations that cross-connect or bridge three or more channels in the FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) arrangement into one conferencing arrangement.

Note 1: See Section 2.1.4 for Service availability.

(N)

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.4 Rate Regulations (Cont'd)****E7.4.12 FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) (Cont'd)⁽¹⁾**

(C)

A. General (Cont'd)**3. FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) Options (Cont'd)****d. (Cont'd)**

(2) Multipoint Junction Unit option gives the customer the ability to bridge one master and four patron legs for use with Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service. If more than one MJU is required, one of the four patron legs must be used to connect to the master leg of another MJU. The customer is responsible for this connection. The MJU feature is only offered in a unit of five channel connections (one master and four legs).

e. Subrate Reconfiguration Capability is an option that provides the customer the ability to control all ports of a subrate multiplexer within a FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) arrangement. This control includes both the DS0B channel and DS0A legs. The speeds for subrates are 2.4, 4.8, and 9.6 Kbps (does not include 19.2 Kbps). The customer has the responsibility to establish a subrate system using previously acquired DS0 ports.

f. Reconfigurations by Company Personnel: The customer may request that Company personnel intervene to perform reconfigurations that the customer could otherwise perform without the direct intervention of Company personnel.

4. Shared FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) Arrangement

Multiple customers may include circuits with the FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) option in the same FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) arrangement, provided all customers designate in writing the same party to serve as their agent. (A FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) arrangement consists of all special access services with FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) that can be monitored and reconfigured through the same User Access.)

The agent will be authorized to represent each of those customers in all transactions and communications with the Company regarding the shared FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) arrangement or circuits included in that arrangement including reconfigurations, monitoring, ordering of additional special access services and FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) options in the arrangement, and removal of special access (a.k.a. BellSouth SPA) services from the arrangement. The Company will not process any customer orders or requests affecting that arrangement of circuits included in that arrangement except those submitted to the Company by the agent.

The Company will not be liable for any loss to any of the customers in a shared FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) arrangement caused directly or indirectly by actions of the agent or another customer in the shared arrangement. Each customer in the shared arrangement and the agent indemnify the Company for the costs of any and all claims arising directly or indirectly out of the actions of agent or another customer in the shared arrangement, including, but not limited to, the cost of defending against such claims.

Any customer in a shared FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) arrangement must give the Company thirty days prior written notice of his intent to revoke an agent's authority or to remove his special access (a.k.a. BellSouth SPA) services from a shared arrangement. Such notice shall not be effective unless it provides the Company with specific and sufficient directions regarding treatment of the customer's special access (a.k.a. BellSouth SPA) services upon revocation of the agent's authority or removal from the shared arrangement.

5. Access Collocation Cross-Connects

Access Collocation Cross-Connects provides a means for customers to interconnect their FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) **Central Office** Collocation arrangements *within the same Central Office. 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*

Note 1: See Section 2.1.4 for Service availability.

(N)

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.4 Rate Regulations (Cont'd)****E7.4.12 FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) (Cont'd)⁽²⁾**

(C)

B. Application of Rates

1. Basic FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration)
 - a. Connection of Special Access (a.k.a. BellSouth SPA) service to Reconfiguration and Alarm Monitoring Capability.
A DS0/DS1/DS3 nonrecurring Connection Charge and a recurring monthly rate is required for each entrance and exit of a special access channel to reconfiguration and monitoring capability.
Charges for Access to FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) are contained in E7.5.16.
2. FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) Options
 - a. Additional Concurrent User Access
For each Additional Concurrent User Access a nonrecurring charge and a recurring monthly rate applies.
 - b. Additional User Identification Codes
A nonrecurring charge applies for each additional ID requested.
 - c. Additional Customer Training
Any additional training will incur a nonrecurring charge for each eight (8) hour day of training.
 - d. Multipoint Bridging
Multipoint Bridging (DMB)
There will be a nonrecurring charge and a monthly rate for each DS0 or equivalent that is equipped with this capability.
Multipoint Junction Unit
A nonrecurring charge and a monthly rate applies for each DS0 or equivalent that is equipped with this capability.
This option must be purchased in groups of 5 because a unit has the capacity of 5 DS0 or equivalent channel connections.
 - e. Subrate Reconfiguration
There will be a nonrecurring charge for each DS0 equipped DS0B and a nonrecurring charge and a monthly rate will apply for each set of DS0As. The DS0A rates apply in sets of five for 9.6 Kbps, in sets of ten for 4.8 Kbps, and in sets of twenty for 2.4 Kbps.
 - f. Reconfigurations by the Company Personnel
A nonrecurring charge is applicable on each occasion, when the customer requests Company personnel to perform a reconfiguration or a series of reconfigurations in order to set up point-to-point or multipoint connections, to provide a status report or to establish a conference.
3. Termination Liability
Contract rates for FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) are available in E7.5.16 for variable periods, with rates based on lengths of thirty-six months, sixty months, or eighty-four months¹ under conditions specified in the Channel Service Payment Plan in E2.4 of this Tariff. Termination Liability is applicable at the date of termination. The applicable charge will be ninety percent of the remaining amount due. However, Termination Liability will not apply for customer requests for moves of service under CSPP subject to the provisions set forth in E2.4.9.A.8 preceding.

Note 1: Effective March 23, 2019, Customers may not: (1) Establish CSPPs greater than 36 months for FlexServ Service, and (2) Convert or renew CSPPs for FlexServ Service.

Note 2: See Section 2.1.4 for Service availability.

(N)

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

E7.4 Rate Regulations⁽³⁾

(C)

E7.4.13 Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) Service (DDCS)

A. Application of Rates

The derived data channel charges provide the central office data/voice multiplexing capability. The customer must also subscribe to a compatible two-wire local exchange line (e.g., business exchange line). This two-wire exchange line and its associated rates and charges are in addition to the derived data channel rates and charges.

The DS0-B interface charge is applicable for each group of a maximum of twenty multiplexed derived data channels. Each of the twenty channels in a DS0-B interface channel group operates at a bit rate of 2.4 Kbps. The interoffice channel is required when the customer's serving wire center and the serving wire center of the customer's terminating premises are not the same.

E7.4.14 SMARTRing^{®2} Service (a.k.a. BellSouth Dedicated Ring)

A. Self-healing Multi-nodal Alternate Route Topology Ring

- Monthly rates and charges as specified in E7.5.17 following apply for each SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring). Customers must specify network capacity at the time of the initial order. In an Overlay Ring Arrangement where a customer's overlaying SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring) rides the customer's host SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring), the overlay ring will share the transport of the host ring between common node locations. Rate categories at OC-3, OC-3+, OC-12, OC-24, OC-48, OC-48+, **OC-192** and OC-192+ capacity levels include Customer Nodes, Central Office Nodes, Local Channels, Alternate Central Office Channels, Interoffice Channels and Internodal Channels. OC-24 SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring) is only available to existing CSPP customers or under month-to-month arrangements. Rate categories for OC-1 SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring) include Customer Nodes and Central Office Nodes. Channel Interfaces are required at each node on the network and must be associated with a SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring). An OC-1 Overlay Ring Arrangement requires an OC-1 Channel Interface at each node involved. An OC-3 Overlay Ring Arrangement requires an OC-3 Channel Interface at each node involved. An OC-3+ or OC-12 Overlay Ring Arrangement requires an OC-12 Channel Interface at each node involved. An OC-48 or OC-48+ Overlay Ring Arrangement requires an OC-48 Channel Interface at each node involved. In Overlay Ring Arrangements, the customer must order a Channel Interface for each entry to or exit from the host ring. In all other situations, the number of Channel Interfaces ordered will depend on whether the customer desires a working interface, or a working interface and a protection interface. The quantity of channel interfaces ordered may not exceed the capacity ordered. When a 28 DS1 Channel System is utilized to activate DS1 channels, the appropriate number of DS1 Channel Interfaces are required in lieu of an originating or terminating DS3 or STS-1 Channel Interface.

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.

Note 2: 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.

Note 3: See Section 2.1.4 for Service availability.

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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⁽⁴⁾**

(C)

A. Local Channel

1. Monthly Rates Per Point of Termination

		Monthly Rate			Nonrecurring Charge		USOC
		Rate Zone 1	Rate Zone 2	Rate Zone 3	First	Additional	
(a)	1.544 Mbps	\$140.00	\$140.00	\$140.00	\$775.00	\$335.00	TMECS
					Nonrecurring Charge		USOC
					First Service Installed	Additional Service Installed	
(b)	3.152 Mbps ¹				\$-	\$-	TWT++
(c)	6.312 Mbps ¹				-	-	TWT++
(d)	44.736 Mbps ¹				-	-	TWT++

2. 1.544 Mbps Contract Rates²

		Nonrecurring Charge			USOC
		First	Additional		
(a)	Per Point of Termination	\$775.00	\$335.00		NA
		Monthly Rate			USOC
		24 to 48 Months ³	49 to 72 Months ³	73 to 96 Months ³	
(b)	Rate Zone 1	\$127.00	\$124.00	\$121.00	TMECS
(c)	Rate Zone 2	127.00	124.00	121.00	TMECS
(d)	Rate Zone 3	127.00	124.00	121.00	TMECS

Note 1: ICB rates and charges apply.

Note 2: Contract lengths are flexible to allow customer choice of payment period per E2.4.9.

Note 3: Effective March 23, 2019, Customers may not: (1) Establish CSPPs greater than 36 months for High Capacity Service, and (2) Convert or renew CSPPs for High Capacity Service.

Note 4: See Section 2.1.4 for Service availability.

(N)

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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)⁽⁵⁾**

(C)

B. Interoffice Channel

1. 1.544 Mbps (Monthly Rates)
Mileage Bands

	Fixed Monthly Rate			Monthly Rate Per Mile			Nonrecurring Charge	USOC
	Rate	Rate	Rate	Rate	Rate	Rate	Per Channel	
	Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3		
(a) 0 mile	\$-	\$-	\$-	\$-	\$-	\$-	\$-	1L5XX
(b) 1 thru 8 miles	75.00	75.00	75.00	23.00	24.00	26.30	200.00	1L5XX
(c) 9 thru 25 miles	75.00	75.00	75.00	23.00	24.00	26.30	200.00	1L5XX
(d) Over 25 miles	75.00	75.00	75.00	23.00	24.00	26.30	200.00	1L5XX

2. 1.544 Mbps¹

a. Contract Rates

Mileage Bands

- (1) Nonrecurring Charge (Per Channel)

	Nonrecurring Charge	USOC
(a) 0 mile	\$-	NA
(b) 1 mile and over	200.00	NA

Mileage Bands

- (2) Recurring Rate - 0 mile

	Fixed Monthly Rate			Monthly Rate Per Mile			USOC
	24 to 48 Months ^{2, 3, 4}	49 to 72 Months ^{2, 3}	73 to 96 Months ^{2, 3}	24 to 48 Months ^{2, 3, 4}	49 to 72 Months ^{2, 3}	73 to 96 Months ^{2, 3}	
	Rate	Rate	Rate	Rate	Rate	Rate	
(a) Rate Zone 1	\$-	\$-	\$-	\$-	\$-	\$-	1L5XX
(b) Rate Zone 2	-	-	-	-	-	-	1L5XX
(c) Rate Zone 3	-	-	-	-	-	-	1L5XX
(3) Recurring Rate - 1 thru 8 miles							
(a) Rate Zone 1	70.00	65.00	60.00	15.00	13.00	11.00	1L5XX
(b) Rate Zone 2	70.00	65.00	60.00	16.00	14.00	12.00	1L5XX
(c) Rate Zone 3	70.00	65.00	60.00	17.00	15.00	13.00	1L5XX
(4) Recurring Rate - 9 thru 25 miles							
(a) Rate Zone 1	70.00	65.00	60.00	15.00	13.00	11.00	1L5XX
(b) Rate Zone 2	70.00	65.00	60.00	16.00	14.00	12.00	1L5XX
(c) Rate Zone 3	70.00	65.00	60.00	17.00	15.00	13.00	1L5XX

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

Note 2: Effective March 23, 2019, Customers may not: (1) Establish CSPPs greater than 36 months for High Capacity Service, and (2) Convert or renew CSPPs for High Capacity Service.

Note 3: Effective November 1, 2022, customers may not establish new term plans of greater than 24 months for High Capacity Service Channel Service Payment Plans.

Note 4: Effective March 17, 2024, customers may not establish new term plans of greater than month-to-month for High Capacity Service Channel Service Payment Plans.

Note 5: See Section 2.1.4 for Service availability.

(N)

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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)⁽⁶⁾**

(C)

B. Interoffice Channel (Cont'd)

2. 1.544 Mbps (Cont'd)

a. Contract Rates (Cont'd)

(5) Recurring Rate - Over 25 miles

		Fixed Monthly Rate			Monthly Rate Per Mile			USOC
		24 to 48	49 to 72	73 to 96	24 to 48	49 to 72	73 to 96	
		Months ^{3, 4, 5}	Months ^{3, 4}	Months ^{3, 4}	Months ^{3, 4, 5}	Months ^{3, 4}	Months ^{3, 4}	
(a)	Rate Zone 1 ¹	\$70.00	\$65.00	\$60.00	\$15.00	\$13.00	\$11.00	1L5XX
(b)	Rate Zone 2 ¹	70.00	65.00	60.00	16.00	14.00	12.00	1L5XX
(c)	Rate Zone 3 ¹	70.00	65.00	60.00	17.00	15.00	13.00	1L5XX

3. 3.152 Mbps

Mileage Bands

		Fixed Monthly Rate	Monthly Rate Per Mile	Nonrecurring Charge	USOC
(a)	0 mile	\$-	\$-	\$-	1LOXX
(b)	1 thru 8 miles ²	-	-	-	1LOXX
(c)	9 thru 25 miles ²	-	-	-	1LOXX
(d)	Over 25 miles ²	-	-	-	1LOXX

4. 6.312 Mbps

Mileage Bands

(a)	0 mile	-	-	-	1LOXX
(b)	1 thru 8 miles ²	-	-	-	1LOXX
(c)	9 thru 25 miles ²	-	-	-	1LOXX
(d)	Over 25 miles ²	-	-	-	1LOXX

5. 44.736 Mbps

Mileage Bands

(a)	0 mile	-	-	-	1LOXX
(b)	1 thru 8 miles ²	-	-	-	1LOXX
(c)	9 thru 25 miles ²	-	-	-	1LOXX
(d)	Over 25 miles ²	-	-	-	1LOXX

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

Note 2: ICB rates and charges apply.

Note 3: Effective March 23, 2019, Customers may not: (1) Establish CSPPs greater than 36 months for High Capacity Service, and (2) Convert or renew CSPPs for High Capacity Service.

Note 4: Effective November 1, 2022, customers may not establish new term plans of greater than 24 months for High Capacity Service Channel Service Payment Plans.

Note 5: Effective March 17, 2024, customers may not establish new term plans of greater than month-to-month for High Capacity Service Channel Service Payment Plans.

Note 6: See Section 2.1.4 for Service availability.

(N)

BELLSOUTH
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KENTUCKY
ISSUED: October 17, 2025
By: Tricia Conway Tariff Administrator

ACCESS SERVICES TARIFF

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Sixth Revised Page 69.1
Cancels Fifth Revised Page 69.1
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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)⁽³⁾**

(C)

C. Optional Features and Functions

1. Channelization

a. DS3 Channelization

(1) DS3 to DS1

Monthly Rate \$-	Nonrecurring Charge \$-	USOC MXB++
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(a) Per arrangement¹

b. DS2 Channelization

(1) DS2 to DS1

(a) Per arrangement¹

-	-	MXD++
---	---	-------

c. DS1C Channelization

(1) DS1C to DS1

(a) Per arrangement¹

-	-	MXH++
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d. DS1 Channelization

(1) DS1 Basic Channelization System (DS1 to VG/DS0)

Monthly Rate

Rate Zone 1	Rate Zone 2	Rate Zone 3	Nonrecurring Charge	USOC
\$210.00	\$210.00	\$210.00	\$180.00	MQ1

(a) Per System

e. DS0 Channelization

(1) DS0 Basic Channelization System² (DS0 to Subrate)

(Per System)

	Monthly Rate	Nonrecurring Charge	USOC
(a) Maximum of 20, 2.4 Kbps services	\$120.00	\$180.00	QSU24
(b) Maximum of 10, 4.8 Kbps services	120.00	180.00	QSU48
(c) Maximum of 5, 9.6 Kbps services	120.00	180.00	QSU96

Note 1: ICB rates and charges apply.

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: See Section 2.1.4 for Service availability.

(N)

BELLSOUTH
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KENTUCKY
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Fourteenth Revised Page 70
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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)⁽⁷⁾**

(C)

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, 5, 6}	49 to 72 Months ^{2, 5}	73 to 96 Months ^{2, 5}	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	130.00	1D3CS

(2) DS1 Level Customer Channel Interface¹

(a) Asynchronous	17.00	13.00	13.00	13.00	300.00	1D3DA
(b) Synchronous	45.00	36.00	33.00	30.00	250.00	1D3DS

b. Sub-DS1 Interfaces

(1) VG/DS0 Level Central Office Channel Interface

	Monthly Rate	Nonrecurring Charge		USOC
		First	Additional	
(a) BellSouth® SWA	\$0.00	\$0.00	\$0.00	1D1SW
(b) Metallic ⁴ (a.k.a. BellSouth® SPA Metallic)	16.00	10.00	9.00	1D1ME
(c) Telegraph ⁴ (a.k.a. BellSouth® SPA Telegraph)	5.00	10.00	9.00	1D1TE
(d) Voice Grade ⁴ (a.k.a. BellSouth® SPA DSO VG)	6.50	10.00	9.00	1D1VG
(e) WATS Access Line ⁴ (a.k.a. BellSouth® SPA WATS Line)	6.50	10.00	9.00	1D1WT
(f) (DELETED)				
(g) (DELETED)				
(h) DDAS ⁴ (a.k.a. BellSouth® SPA DSO Digital Data)	13.00	10.00	9.00	1D1DD

c. Sub-DS0 Interfaces⁴

(1) Subrate Central Office Channel Interface

(a) Subrate (2.4, 4.8, & 9.6 Kbps)	\$13.00	\$10.00	\$9.00	1DOSR
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Note 1: Contract lengths are flexible to allow customer choice of payment period per E2.4.9.

Note 2: Effective March 23, 2019, Customers may not: (1) Establish CSPPs greater than 36 months for High Capacity Service, and (2) Convert or renew CSPPs for High Capacity Service.

Note 3: **(DELETED)**

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.

Note 5: Effective November 1, 2022, customers may not establish new term plans of greater than 24 months for High Capacity Service Channel Service Payment Plans.

Note 6: Effective March 17, 2024, customers may not establish new term plans of greater than month-to-month for High Capacity Service Channel Service Payment Plans.

Note 7: See Section 2.1.4 for Service availability.

(N)

BELLSOUTH
TELECOMMUNICATIONS
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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)⁽¹⁾**

(C)

C. Optional Features and Functions (Cont'd)

3.

4. Clear Channel Capability is furnished on a per DS1 service channel basis.

Per DS1/1.544 Mbps High Capacity Channel optioned as:

- | | | | | | |
|-----|----------------------------------|---|---|---------------|--------------|
| (a) | Superframe Format (SF) | - | - | 730.00 | CCOSF |
| (b) | Extended Superframe Format (ESF) | - | - | 730.00 | CCOEF |
5. Virtual Collocation to High Capacity (a.k.a. BellSouth SPA High Capacity) Service

		Nonrecurring Charge		Monthly	
		First	Additional	Rate	USOC
(a)	Per DS1 Cross-Connect	\$155.00	\$14.00	\$7.50	CNC1X

Note 1: See Section 2.1.4 for Service availability.

(N)

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Fifth Revised Page 71.1
Cancels Fourth Revised Page 71.1
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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)⁽¹⁾**

(C)

C. Optional Features and Functions (Cont'd)

E7.5.9 Message Station Equipment Recovery Charge

A. Message Station Equipment Recovery Charge

1. Per Special Access (a.k.a. BellSouth SPA) Surcharge Assessed

(a) Each

Monthly
Rate
\$3.79

USOC
UTM

E7.5.10 Special Access (a.k.a. BellSouth SPA) Surcharge

A. Rates

1. Per Voice Grade Equivalent

(a) Each

25.00

S25

E7.5.11 Reserved For Future Use**E7.5.12 Reserved For Future Use****E7.5.13 Transfer of Service**

A. Service Rearrangements

1. Special Access (a.k.a. BellSouth SPA) Circuits

(a) Per Billing Account Number
(b) Per circuit

Nonrecurring
Charge
\$50.00
6.00

USOC
NRBPA
NRBPC

Note 1: See Section 2.1.4 for Service availability.

(N)

BELLSOUTH
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PSC KY. TARIFF 2E
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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.5 Rates And Charges (Cont'd)⁽³⁾**

(C)

E7.5.15 Derived Data Channel² (a.k.a. BellSouth SPA Derived Data Channel) Service**A. Local Channel****1. Derived Data (a.k.a. BellSouth SPA Derived Data Channel) Channel**

	Nonrecurring Charge	Month To Month	24 to 42 Months¹	43 to 60 Months¹	USOC
(a) Per channel at 2.4 Kbps	\$590.00	\$17.00	\$13.50	\$11.00	DAXPC
2. DS0-B Interface					
(a) Per group of twenty channels at 2.4 Kbps each	425.00	80.00	75.00	72.00	DAXP1

B. Interoffice Channel**1. Per group of twenty channels at 2.4 Kbps each**

(a) Fixed	128.00	25.00	23.00	22.00	DAXPF
(b) Per mile	-	2.05	1.90	1.75	DAXPM

E7.5.16 FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration)**A. Basic FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration)****1. DS0 Channel Connections**

	Nonrecurring Charge	Month To Month	24 to 48 Months¹	49 to 72 Months¹	73 to 96 Months¹	USOC
(a) Voice Grade Type, per DS0 channel	\$35.00	\$14.90	\$13.70	\$12.70	\$11.90	DSLVA
(b) Digital Type, per DS0 channel	35.00	8.50	7.80	7.25	6.80	DSLDA
2. DS1 Channel Connections						
(a) DS0 Switching, per DS1 channel	125.00	110.00	100.00	92.00	85.00	DSL1A
(b) DS1 Switching, per DS1 channel	125.00	65.00	60.00	55.00	52.00	DSL1B
(c) Surveillance - DS1 Level per DS1 channel	125.00	65.00	60.00	55.00	52.00	DSL1S
3. DS3 Channel Connections						
(a) Surveillance - DS1 Level, per DS3 channel	125.00	375.00	345.00	320.00	300.00	DSL3S
(b) Surveillance - DS3 Level, per DS3 channel	125.00	150.00	138.00	128.00	120.00	DSL3T

Note 1: Effective March 23, 2019, Customers may not convert, renew or establish CSPPs for Derived Data Channel Service and FlexServ Service.

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: See Section 2.1.4 for Service availability.

(N)

BELLSOUTH
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ACCESS SERVICES TARIFF

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.16 FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration)⁽²⁾**

(C)

B. FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) Options)

1. Multipoint Bridging

	Nonrecurring Charge	Month To Month	24 to 48 Months ¹	49 to 72 Months ¹	73 to 96 Months ¹	USOC
(a) Voice Grade Connections, per bridging leg	\$20.00	\$5.00	\$4.50	\$4.40	\$4.30	FSSFJ
(b) Multipoint Junction Unit, per 2.4, 4.8, 9.6 or 56 Kbps channel (must purchase in units of 5)	15.00	6.00	5.25	5.00	4.75	FSSFJ
(c) Multipoint Junction Unit, per 19.2 Kbps channel (must purchase in units of 5)	15.00	9.45	8.90	8.40	7.90	FSSF9

2. Subrate Reconfiguration Capability

	Nonrecurring Charge	Month To Month	24 to 48 Months ¹	49 to 72 Months ¹	73 to 96 Months ¹	USOC
(a) Per DS0 equipped (DS0B)	\$45.00					DSL5B
(b) 9.6 Kbps, per DS0A requires 5	\$5.00	\$8.75	\$8.15	\$7.60	\$7.20	DSL59
(c) 4.8 Kbps, per DS0A requires 10	5.00	7.40	6.80	6.30	5.95	DSL54
(d) 2.4 Kbps, per DS0A requires 20	5.00	7.00	6.45	5.95	5.60	DSL52

3. Additional Concurrent User Access

(a) Per Additional User Access	125.00	68.00	60.00	57.00	54.00	FSSFU
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4. Additional User Identification Codes

	Nonrecurring Charge	Month To Month	24 to 48 Months ¹	49 to 72 Months ¹	73 to 96 Months ¹	USOC
(a) Per Additional Code	\$3.00					FSSFA

5. Additional Customer Training

(a) Per eight hour day of training after initial installation			450.00			FSSFT
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6. Reconfiguration by Company Personnel

(a) Request for Company to perform reconfiguration activity			25.00			FSSRA
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7. (DELETED)

Note 1: Effective March 23, 2019, Customers may not convert, renew or establish CSPPs for FlexServ Service.

Note 2: See Section 2.1.4 for Service availability.

(N)