

TARIFF DISTRIBUTION

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PURPOSE: South Carolina - National grandfathering of DS1/DS3 services

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ACCESS SERVICES TARIFF

Fifth Revised Page 2.1
Cancels Fourth Revised Page 2.1

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E2. GENERAL REGULATIONS**E2.1 Undertaking of the Company (Cont'd)****E2.1.3 Liability (Cont'd)**

- J.** Should any federal, state or local jurisdiction determine that sales, use, gross receipts or any other taxes (including interest, penalties and surcharges thereon) are due by the Company as a result of the Company's purchase of accounts receivable, the Company will advise the IC and the IC shall be liable for any such tax, interest, penalties and surcharge, and the IC shall immediately reimburse the Company the amount of such tax, interest, penalties and surcharge paid by the Company. If the IC disagrees with the Company's determination that any taxes are due by the Company or disagrees with an assessment of any tax, penalty, surcharge and interest due by the Company as a result of the Company's purchase of accounts receivable, the IC shall, at its option and expense (including immediate payment of any such assessment), have the right to seek a ruling as to the inapplicability of any such tax or to protest any assessment and participate in any legal challenge to such assessment, but shall be liable for any tax, penalty, surcharge and interest ultimately determined to be due.
- K.** **Unauthorized Computer Intrusion**
The Company's liability, if any, for its willful misconduct is not limited by this section of this Tariff. With respect to any other claim or suit by a subscriber, common carrier, reseller, or any other party for damages caused by, or associated with, any unauthorized computer intrusion, including but not limited to the input of damaging information such as a virus, time bomb, any unauthorized access, interference, alteration, destruction, theft of, or tampering with, a Company computer, switch, data, database, software, information, network or other similar system, the Company's liability, if any, shall not exceed an amount equal to the proportionate charge by the Company for the service for the period during which the service provided by the Company was affected or so utilized. Each subscriber of the Company shall be responsible for providing appropriate security measures to protect the subscriber's computer, data, or telecommunications network.
- L.** **Transmission of Data**
Voice-grade lines are primarily conditioned to handle data speeds up to 9.6 kilobits per second (kbps). The Company makes no guarantee that voice-grade access lines and/or facilities are suitable for the transmission of data. However, in those cases where the transmission of data is attempted, 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. 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.
- M.** **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.
- N.** **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 IC 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 may no longer be available for purchase by new or existing customers in certain geographic areas in South Carolina. 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), SMARTPath (a.k.a. BellSouth SPA Shared Ring), (N) BellSouth SPA CNM-FlexServ, and Derived Data Channel 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.

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Cancels Sixth Revised Page 7.2

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E2. GENERAL REGULATIONS**E2.3 Obligations of the IC (Cont'd)****E2.3.14 Jurisdictional Report Requirements¹ (Cont'd)****A. Jurisdictional Reports (Cont'd)****1. Percent Interstate Usage (PIU) (Cont'd)⁽²⁾**

(C)

a. (Cont'd)

When Special Access (a.k.a. BellSouth SPA) service is provided on a BellSouth SWA facility, e.g., Special Access DS1 (a.k.a. BellSouth SPA DS1) on a BellSouth SWA DS3, the facility will be apportioned between BellSouth SWA and Special Access (a.k.a. BellSouth SPA). The jurisdiction of the Special Access (a.k.a. BellSouth SPA) service shall reflect the composite of the jurisdiction of the lower capacity services, if any, of which it is comprised.

The IC shall compute the PIU using the following formula (rounded to a whole percentage).

$$\frac{\text{Total Interstate Originating Minutes}}{\text{Total Originating Minutes}} + \frac{\text{Total Interstate Terminating Minutes}}{\text{Total Terminating Minutes}}$$

Note 1: Except where indicated herein, references to BellSouth SWA FGs will also include the applicable BellSouth SWA Basic Serving Arrangement as detailed in the matrix in Section 6.1.3 (A) of Tariff FCC No. 1 (e.g., the term BellSouth SWA FGA represents both BellSouth SWA FGA and BellSouth SWA LSB SA).

Note 2: See Section 2.1.4 for Service availability.

(N)

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Eleventh Revised Page 13.2
Cancels Tenth Revised Page 13.2

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E2. GENERAL REGULATIONS**E2.4 Payment Arrangements and Credit Allowances (Cont'd)****E2.4.9 Optional Payment Plan (Cont'd)****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 will apply when new channel equipment and/or facilities are added to an existing customer network.

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 completed service period is twelve months, or twenty-five percent of the length of the originally selected CSPP service period, whichever is greater, and
 - the service period of the new CSPP arrangement for the higher order of service is a minimum twenty-four month^{1, 2, 3} service period or equals/exceeds the remaining service period of the disconnected arrangement, whichever is greater, and
 - the service orders to install the 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, DS1 High Capacity (a.k.a. BellSouth SPA DS1) = 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⁽⁴⁾

(C)

Note 1: Effective May 1, 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.

(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)****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 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 channel equipment and/or facilities added to a customer's network 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 twenty-four 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 VG) service with a DS1 High Capacity (a.k.a. BellSouth SPA DS1)⁽⁴⁾ service. (C)
- 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 thirty-six month^{2, 3} service period under the thirty-six month^{2, 3} Term Payment Plan is renewed for twenty-four months^{2, 3} with no changes at the end of the thirty-six month^{2, 3} period. The sum of months for the completed and proposed service periods would equal sixty months² and would be billed under the sixty-month^{2, 3} Term Payment Plan. Another example is a month-to-month customer, in service for fifteen months, who wishes to convert to a sixty-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 seventy-five months², which would be billed under the eighty-four month^{2, 3} Term Payment Plan.

Note 1: Effective May 1, 2019, Customers may not 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)****C. Transport Payment Plan (Cont'd)⁽¹⁾**

(C)

4. Disconnects (Cont'd)

- 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 DSO VG) service=lowest, SMARTRing service (a.k.a. BellSouth Dedicated Ring)=highest):

 - Analog Voice Grade (a.k.a. BellSouth SPA DSO 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
- 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.

(N)

Material previously appearing on this page now appears on page(s) 13.9.1 of this section.

All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property Corporation.

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

(C)

4. Disconnects (Cont'd)

- e. Disconnects, moves, or rearrangements involving the removal of the following BellSouth® Dedicated Ring and SMARTRing® service (a.k.a. BellSouth® Dedicated Ring) rate elements, local channel, interoffice channel, customer node and central office node, to allow the placement of additional nodes and channels for existing customers where the total number of nodes does not decrease, will not be subject to termination liability charges.
- f. A change of jurisdiction from interstate to intrastate service constitutes a disconnection of service for which termination charges are applicable. However, if such service continues between the same serving locations, and the customer enters into a new TPP arrangement in the intrastate jurisdiction for the same or larger service capacity and associated rate elements for a service period equal to or greater than the service period remaining under the interstate TPP arrangement, no interstate termination liability charge will be applicable.
- g. Termination liability charges will not apply to any OC-3+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) disconnected on or after July 23, 2015.

5. Moves of Service Under TPP

- a. Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply as stated in Sections E7.4.5 and E29.1.4 except as provided in c. following. A four month minimum service period must be satisfied for all service rate elements serving the original building location.
- b. Moves of service within the same building will not constitute a disconnection of service for purposes of the application of termination liability charges. Current month-to-month nonrecurring charges specified in Sections E7.4.5 and E29.1.4 are applicable.
- c. Termination Liability Charges will not apply to customer requests for moves of service to a different building subject to the following conditions:
 - (1) The move from the original location to the new location must be completed within thirty days of the original premises disconnect date. For LightGate® service systems (a.k.a. BellSouth® SPA Point to Point Network), the new customer premises must be served by the same serving wire center as the original location.
 - (2) No lapse in billing will occur for moves of service under a TPP arrangement.
 - (3) Orders to disconnect the existing service and reestablish it at the new location must be related together and received by the Company at the same time.
 - (4) Any additions made at the new location will be handled in accordance with (3) preceding.
 - (5) All regulations and charges for changes made to the service coincident with the move will apply.
 - (6) All appropriate nonrecurring charges for moves of service as specified in Sections E7.4.5 and E29.1.4 preceding will apply.

Any rate elements or quantities for local channels, interoffice channels, **wavelength channels** and/or optional features and functions from the original location that are not reestablished at the new location will be subject to applicable Termination Liability Charges.

6. Requests for Changes in Length of Service Period

- a. Subsequent to the establishment of a TPP arrangement, and prior to the completion of the selected service period for that arrangement, the TPP arrangement may be replaced by a new TPP arrangement at rates and charges in effect on the first day of service under the new TPP arrangement, subject to the following conditions:
 - (1) No credit will be given for payments made under the original TPP arrangement, except for credits allowed under 9.a. following.
 - (2) The service period selected for the new TPP arrangement begins on the new TPP effective date but not later than the expiration date of the TPP being replaced.
 - (3) Nonrecurring charges do not apply for existing services.
 - (4) If the new TPP arrangement has a service period shorter in length than the time remaining under the service period for the existing TPP arrangement, the change to the new TPP arrangement constitutes a disconnection of the existing TPP arrangement for which termination liability charges apply.

Note 1: See Section 2.1.4 for Service availability.

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Fourth Revised Page 33.1
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E2. GENERAL REGULATIONS**E2.6 Definitions (Cont'd)****BELLSOUTH OPERATOR SERVICES SYSTEM LOCATION**

The term "BellSouth Operator Services System Location" (OSS location) denotes a Company office where Company equipment routes or receives IC Operator Services calls to or from the IC location.

BELLSOUTH SWA BASIC SERVING ARRANGEMENT

The term BellSouth SWA Basic Serving Arrangement denotes the connection of a customer to and through the BOCs networks, and should be considered the fundamental connection to those networks.

BELLSOUTH SWA COMMON TRANSPORT

The term "BellSouth SWA Common Transport" denotes the transmission of the customer's switched access traffic between the Access Tandem and the end office, between the BellSouth SWA FGA dial tone office and the end office (for terminating traffic) and, between the end office which serves as the host office for a remote switching system or module (RSS or RSM) and the RSS or RSM.

BELLSOUTH CUSTOM NETWORK SERVICE

The term "BellSouth Custom Network Service" refers to the provisioning of custom-designed networks composed of various Special Access (a.k.a. BellSouth SPA) services. The rates and regulations for such networks, or arrangements, are found in Section E7. of this Tariff.

BELLSOUTH SWA DEDICATED TRANSPORT

The term "BellSouth SWA Dedicated Transport" denotes the transmission of the customer's switched access traffic utilizing dedicated facilities between the customer's serving wire center (SWC) and customer designated points, i.e. SWC to a Company Facility Hub (Hub), SWC to an Access Tandem, SWC to a customer designated end office, Hub to an Access Tandem, Hub to Hub, and Hub to an end office.

BELLSOUTH SWA FGD AND BELLSOUTH SWA TSBSA 3

The term "BellSouth SWA FGD and BellSouth SWA TSBSA 3" denotes the signaling system which is used, by equal access end offices, to transmit originating information and address digits to the customer's premises. Features of this system include overlap outpulsing, identification of the type of call, identification of the ten-digit telephone number of the calling party, and acknowledgment wink supervisory signals.

BIPOLAR WITH 8 ZERO SUBSTITUTION (B8ZS)

The term "Bipolar with 8 Zero Substitution" (B8ZS) denotes a line code which allows transport of an all zero octet over a DS1/1.544 Mbps High Capacity⁽¹⁾ channel. B8ZS enables Clear Channel Capability on DS1/1.544 Mbps High Capacity⁽¹⁾ service. BIT

(C)

The term "Bit" denotes the smallest unit of information in the binary system of notation.

BUSINESS DAY

The term "Business Day" denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 A.M. to 5:00 or 6:00 P.M., respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty (40) hour work week. Due to the possibility of variations in Business Day hours based on Company policy, union contract and location, verification of the hours should be made via contact with the specific Company location involved.

Note 1: See Section 2.1.4 for Service availability.

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

The term "Call" denotes an IC attempt for which the complete address code (e.g., 0-, 911 or 10 digits) is provided to the serving dial tone office or in the case of BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service when the address code is provided to the office performing the translation or screening function.

CARRIER OR COMMON CARRIER

See "Interexchange Carrier"

CARRIER IDENTIFICATION CODE (CIC)

Denotes a numeric code that is assigned by Bellcore to long distance carriers for the provisioning of Feature Group B and/or D trunk side Access Service. The numeric code uniquely identifies the carrier.

CCS

The term "CCS" denotes a hundred call seconds which is a standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g., trunks).

CCS7 SIGNALING CONNECTION

The CCS7 Signaling Connection provides a 56 kbps facility dedicated to a single customer, which originates at the customer's signaling point of interconnection in a LATA and terminates at a Company Signaling Transfer Point (STP) selected by the Company. This facility, connecting the customer to a BellSouth STP, is ordered to a Company FSPOI within the same LATA as the customer's signaling point of interconnection.

CCS7 SIGNALING TERMINATION

The CCS7 Signaling Termination provides a dedicated point of interface at a Company STP for a customer's CCS7 Signaling Connection.

CCS7 Access Arrangement Usage

CCS7 Access Arrangement Usage refers to messages traversing the Company's CCS7 Signaling network for call set-up (ISUP) and non-call set-up (TCAP) purposes.

CENTRAL OFFICE

The term "Central Office" denotes a local Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

CENTRAL OFFICE PREFIX

The term "Central Office Prefix" denotes the first three digits (NXX) of the seven digit telephone number assigned to an End User's Telephone Exchange Service when dialed on a local basis.

CENTRALIZED AUTOMATIC REPORTING ON TRUNKS TESTING

The term "Centralized Automatic Reporting on Trunks Testing" denotes a type of testing which includes the capacity for measuring operational and transmission parameters.

CENTREX TYPE SERVICES

Central office based non-transport arrangements which permit abbreviated internal calling, and inward and outward calling from station lines associated with ESSX-1 service, ESSX[®] service, Digital ESSX[®] service, MultiServ[®] service, MultiServ[®] PLUS service, and BellSouth[®] Centrex service.

CHANNEL(S)

The term "Channel(s)" denotes an electrical or photonic, in the case of fiber optic based transmission systems, communications path between two or more points of termination.

CHANNEL SERVICE UNIT

The term "Channel Service Unit" denotes equipment which performs one or more of the following functions: termination of a digital facility, regeneration of digital signals, detection and/or correction of signal format errors and remote loop back.

CHANNELIZATION EQUIPMENT

Equipment which derives individual channels of voice and/or data from a higher capacity to a lower capacity or bandwidth or vice versa.

CHANNELIZE

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

CLEAR CHANNEL CAPABILITY

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

Note 1: See Section 2.1.4 for Service availability.

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

The point of demarcation and/or interconnection between Company communications facilities and terminal equipment, protective apparatus or wiring at a subscriber's premises. Company-installed facilities at, or constituting, the demarcation point shall consist of wire or a jack conforming to Subpart F of Part 68 of the Federal Communications Commission's rules. "Premises" as used herein generally means a dwelling unit, other building or a legal unit of real property such as a lot on which a dwelling unit is located, as determined by the Company's reasonable and nondiscriminatory standard operating practices.

DETAIL BILLING

The term "Detail Billing" denotes the listing of each message and/or rate element for which charges to an IC or End User are due on a bill prepared by the Company.

DS0

This denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It is generally referred to as having a 64 Kbps transmission data rate signal; however, customer transmitted bit rates are limited to 56 Kbps. The required format and interface specifications are contained in BellSouth Technical Reference TR-NPL-000341.

DS1⁽¹⁾

This denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It has a 1.544 Mbps transmission data rate, and provides for the two-way simultaneous transmission of isochronous timed, Bipolar Return-to-Zero (BPRZ) bit stream format. Unframed signal formats are not permitted or compatible with Company equipment. The required format and interface specifications are contained in BellSouth Technical Reference TR-NPL-000054.

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Note 1: See Section 2.1.4 for Service availability.

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E2. GENERAL REGULATIONS**E2.8 Change in Recurring Rates Notification Requirements**

- A. For services offered in this tariff where Price Lists are applicable, the Public Service Commission will be advised by the Company of any price changes at least thirty days prior to the effective date of the price change. Notification of existing customers will be as follows: (a) rate increases - thirty days advance notification, (b) rate decreases - notification coincident with price adjustment.

E2.9 Reserved for Future Use**E2.10 Reserved for Future Use****E2.11 Trademarks and Servicemarks Protection****E2.11.1 Use of Trademarks and Servicemarks**

Trademarks and Servicemarks owned by BellSouth Intellectual Property Corporation may not be used by any entity concurring in or providing services pursuant to this Tariff except under an express written license agreement with BellSouth Intellectual Property Marketing Corporation.

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

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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>
Telegraph Grade (aka BellSouth SPA Telegraph) Service	E7.2.2
Voice Grade (aka BellSouth SPA DS0 VG) Service	E7.2.3
Wired Music Service	E7.2.4
Digital Data Access (aka BellSouth SPA DS0 Digital Data) Service	E7.2.5
High Capacity (aka BellSouth SPA High Capacity) Service (64 kbps, 3.152 and 6.312 Mbps)	E7.2.6
Derived Data Channel (aka BellSouth Derived Data Channel) Service	E7.2.15

Effective Date

<u>Wire Center</u>	<u>Exchange</u>	<u>Other Information</u>
11/20/2019 BATHSCMA	Bath	Distribution Area 442002
07/15/2020 CLMASCSC	Columbia	Distribution Area 330120
11/15/2020 CLMASCSC	Columbia	Distribution Areas 240204 and 270220
03/01/2021 CLMASCSC	Columbia	Distribution Areas 330106, 410502, 430106, 440101 and 460102
04/01/2021 FLRNSCMA	Florence	Distribution Area 731001
12/01/2022 CHTNSCJM	Charleston-James Island	Distribution Area 142003

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)

E5.2.1 Provision of Service (Cont'd)⁽¹⁾

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B. Information Required (Cont'd)

4. For all Special Access (*a.k.a. BellSouth SPA*) services, the IC must specify the IC terminal location and end user premises or Hub, the channel type (e.g., Video (*a.k.a. BellSouth SPA Video*), Voice Grade (*a.k.a. BellSouth SPA DS0 VG*), High Capacity (*a.k.a. BellSouth SPA High Capacity*), etc.) and the channel interface, technical specifications package and options desired. For multipoint services, the channel interface at each end user premises may, at the request of the end user, be different but all such interfaces shall be compatible.
5. For *BellSouth SWA* Dedicated Transport services, the IC must specify the Facility Hubs involved, if applicable, the channel type (e.g. *BellSouth SWA VG*, *BellSouth SWA DSI*, etc.) the channel interface and any options desired.
6. Dedicated Access Line Service must be ordered for use with *BellSouth SWA* FGD or *BellSouth SWA TSBSA* 3 service. The IC must specify the end user premises, the channel interface (i.e., two-wire or four-wire), the type of calling (i.e., originating or terminating) and the type of supervisory signaling. When the necessary screening functions are not provided at the end user serving wire center, the Company will use the nearest wire center where screening capacity exists.

The IC must also specify that the Dedicated Access Line is to be provided with an extension in the same or a different LATA, if applicable. When such an extension is specified on the order, the IC must also specify either (1) the end user premises in the LATA (for an intraLATA extension) or (2) the IC's terminal location (for an extension in a different LATA) to which such extension is to be provided.

7. The IC must always specify how Special Access (*a.k.a. BellSouth SPA*) is to be used so that the Company may determine the appropriate application of the Special Access (*a.k.a. BellSouth SPA*) service surcharge.
8. *BellSouth SWA* 500 Service

For *BellSouth SWA* 500 service, as described in Section 6.2 of Tariff FCC No. 1, the IC shall order in the same manner which is set forth preceding for ordering *BellSouth SWA FGD* or *BellSouth SWA TSBSA* 3 except that ICs must order *BellSouth SWA* FGD or *BellSouth SWA TSBSA* 3 to all end offices within the IC designated LATA(s), either through the tandem or by direct connections to the end office.

The IC is also responsible for reporting to the Company the percent interstate usage (PIU) for *BellSouth SWA* 500 service as set forth in E2.3.14 preceding.

9. *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service

For *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening service as described in Section 6.2.5 of Tariff FCC No. 1, the IC shall order in the same manner which is set forth preceding for ordering *BellSouth SWA FGD* and *BellSouth SWA TSBSA* 3 except that the IC 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 Service Switching Points for *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening service within the LATA. Direct trunk routes cannot be provided unless the end office is equipped to provide the IC identification function. All traffic originating from end offices not equipped to provide the IC identification function require routing via the serving access tandem at which the function is available. Service must be ordered accordingly.

The IC is also responsible for reporting to the Company the percent interstate usage (PIU) for *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening service as set forth in E2.3.14 preceding.

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)

E5.2.3 Cancellation of an Access Order (Cont'd)

B. (Cont'd)

5. Cancellation Charge Percentages (Cont'd)⁽¹⁾

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a. Cancellation Charge Percentages Listing No. 1 (Cont'd)

Type Service/ Critical Dates	After: Before:	APP SID	SID LAM	LAM EIRD	EIRD DLRD	DLRD RID	RID DVA
High Capacity (a.k.a. BellSouth SPA High Capacity)		12.9%	29.2%	33.1%	35.5%	37.5%	42.9%
Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data)		1.5%	4.6%	6.1%	9.2%	13.5%	18.6%
BellSouth Metro Ethernet Service		11.6%	33.1%	42.9%	44.8%	47.3%	53.1%
BELLSOUTH SWA							
Trunks or Lines		7.0%	18.9%	23.7%	24.9%	26.3%	35.6%
BellSouth SWA High Capacity Facilities		12.9%	29.2%	33.1%	35.5%	37.5%	42.9%
BellSouth Wavelength Service		12.9%	29.2%	33.1%	35.5%	37.5%	42.9%

b. Cancellation Charge Percentages Listing No. 2

Type Service/ Critical Dates	After: Before:	DVC WOT	WOT FCD	FCD PTD	PTD DD	DD
SPECIAL ACCESS (a.k.a. BellSouth SPA)						
WATS (a.k.a. BellSouth SPA)		33.2%	44.6%	56.6%	83.6%	100.0%
Voice Grade (a.k.a. BellSouth SPA DSO VG)		33.2%	44.6%	56.6%	83.6%	100.0%
Telegraph Grade (a.k.a. BellSouth SPA Telegraph)		34.7%	43.9%	56.9%	84.6%	100.0%
Metallic Grade (a.k.a. BellSouth SPA Metallic)		30.3%	39.7%	53.6%	83.3%	100.0%
High Capacity (a.k.a. BellSouth SPA High Capacity)		55.7%	66.2%	69.9%	86.2%	100.0%
Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data)		28.5%	35.4%	46.2%	78.2%	100.0%
BellSouth Metro Ethernet Service		53.1%	69.9%	85.6%	94.9%	100.0%
BELLSOUTH SWA						
Trunks or Lines		51.4%	58.3%	69.4%	90.3%	100.0%
BellSouth SWA High Capacity Facilities		55.7%	66.2%	69.9%	86.2%	100.0%
BellSouth Wavelength Service		55.7%	66.2%	69.9%	86.2%	100.0%

6. The provisions of Sections E5.2.3.1-5 above shall not apply to cancellations of Access Orders for AT&T Switched Ethernet Service. Cancellation charges for AT&T Switched Ethernet Service are applied based upon the tiered fee schedule outlined below. When an IC cancels an Access Order (or a part of an order) for AT&T Switched Ethernet Service, cancellation charges will apply, even when nonrecurring installation charges would otherwise be waived. Cancellation charges will be calculated based on the number of calendar days between the Company's receipt of the Access Order and the cancellation date. A cancellation charge will apply on a per port connection basis as shown in the table below:

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

Note 1: 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 multiplexing 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⁾

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- A. There are eight 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. Telegraph⁴ (a.k.a. BellSouth SPA Telegraph) Grade - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.
 2. 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.
 3. 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.
 4. **(DELETED)**
 5. **(DELETED)**
 6. 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, 19.2, 56.0 or 64.0 Kbps.
 7. 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.
 8. 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 Answering Service Concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

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

Note 3: **(DELETED)**

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⁾**

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

1. 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 following. 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 following.
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 (a.k.a. BellSouth SPA DS0 VG) channels.

E7.1.2 Rate Categories

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

1. Local Channels (described in B. following)
2. Interoffice Channel (described in C. following)
3. Optional Features and Functions (described in D. following)
4. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing^{®2} service [a.k.a. BellSouth Dedicated Ring]) (described in F. following)

B. Local Channel

The Local Channel rate category provides for the communications path between the demarcation point at a customer designated premises and the serving wire center of that premises. Included as part of the Local Channel is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in C. following. One Local Channel charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer premises and the serving wire center are co-located in a Company building.

C. Interoffice Channel

The Interoffice Channel rate category provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Company Hub or between two Company Hubs. Interoffice Channel mileage is portrayed in mileage bands. There are two rates that apply for each band, i.e., a flat rate per band and a rate per mile.

D. Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Special Access (a.k.a. BellSouth SPA) service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

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)

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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. 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
- FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration)⁽²⁾

(C)

- E. A Hub is a Company designated serving wire center at which bridging and/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 and/or channelization functions available.

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

F. 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⁽²⁾

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.

(C)

3. Central Office Node¹

Central Office Nodes provide ring switching capabilities at Telephone Company Central Offices that are a part of SMARTRing® service (a.k.a. BellSouth Dedicated Ring). This rate element offers OC-3, OC-3+, OC-12, OC-48, and 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.

4. Central Office Channel Interface⁽²⁾

A Central Office 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 Central Office Node located on SMARTRing® service (a.k.a. BellSouth Dedicated Ring). The Central Office Channel Interface rate element applies for every interface capacity that originates or terminates at a Central Office Node. A summary of the channel interfaces available with each node are specified in E7.2.16.A. following. Customers with DS3 or STS-1 interfaces at the Customer Node electing to connect with DS1 services at a Central Office Node, must obtain a 28-DS1 Channel System.

(C)

5. Local Channel

The Local Channel rate category provides for the communications path between a Customer Node and the serving wire center of the premises where located. Charges for Local Channels apply as described in A. preceding. It is available with all capacities of SMARTRing® service (a.k.a. BellSouth Dedicated Ring) except OC-1.

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.

(N)

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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)**

- F.** Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing¹ service [a.k.a. BellSouth Dedicated Ring]) (Cont'd)
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.
- G.** Access Collocation Cross-Connects⁽³⁾ (C)
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) 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.

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: (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**E7.1 General (Cont'd)****E7.1.4 Alternate Use**

- A. 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.
- B. 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 in this section of the 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

- A. At no additional charge, the Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters:
 1. For Voice Grade² (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 Grade² (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.
 2. For other analog services (i.e., Telegraph² (a.k.a. BellSouth SPA Telegraph), WATS Access Line² (a.k.a. BellSouth SPA WATS Line) and for digital services (i.e., Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data), WATS Access Line² (a.k.a. BellSouth SPA WATS Line) 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.
- B. In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade² (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.

(C)

E7.1.8 Ordering Options and Conditions

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

Note 1: **(DELETED)**

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

Note 3: See Section 2.1.4 for Service availability.

(N)

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.1 General (Cont'd)****E7.1.8 Ordering Options And Conditions (Cont'd)⁽⁴⁾**

(C)

- C. For the purposes of ordering, there are nine categories of Special Access (a.k.a. BellSouth SPA) service. These are:
1. Telegraph Grade² (a.k.a. BellSouth SPA Telegraph) (TG)
 2. Voice Grade² (a.k.a. BellSouth SPA DS0 VG) (VG)
 3. **(DELETED)**
 4. Commercial Quality Video (a.k.a. BellSouth SPA Commercial Quality Video) (TV)
 5. Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) service (DDAS)
 6. High Capacity (a.k.a. BellSouth SPA High Capacity) (HC)
 7. WATS Access Line² (a.k.a. BellSouth SPA WATS Line) (WAL)
 8. Derived Data Channel² (a.k.a. BellSouth SPA Derived Data Channel) service
 9. Self-Healing Rings (SMARTRing³ service [a.k.a. BellSouth Dedicated Ring])
- D. Each service consists of a basic channel to which a predefined technical specifications package, channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service is described in this section. Terms and conditions for Central Office interconnection of collocator-provided transmission equipment are set forth in BellSouth Telecommunications, Inc., Tariff F.C.C. No. 1, Section 20. Terms, conditions, and rates for Physical Access Collocation Cross-Connects and Virtual Access Collocation Cross-Connects are set forth in Section E13. of this Tariff for those services that are permitted to connect directly to a carrier's collocation space.
- E. The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Company hub where bridging and/or channelization functions are performed.
- F. Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VG1. The first two letters of the code indicate the category of Special Access (a.k.a. BellSouth SPA) service to which the parameters are applicable. These two-letter codes are shown above in parentheses following the category of Special Access (a.k.a. BellSouth SPA) service. The number "1" following the two-letter code indicates the technical specifications package for a voice grade² service. An alphanumeric designation following the two letter code indicates the specific predefined package. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.
- G. Channel interfaces at each point of termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical. However, communications can only be provided between points of termination with compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in a combination format.
- Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth at the end of this E7.2.
- H. The optional features and functions available with each type of Special Access (a.k.a. BellSouth SPA) service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.

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**E7.1 General (Cont'd)****E7.1.8 Ordering Options And Conditions (Cont'd)⁽³⁾**

(C)

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

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

Telegraph Grade² (a.k.a. BellSouth SPA Telegraph)
Voice Grade² (a.k.a. BellSouth SPA DSO VG)

TR-NPL-000336
TR-NPL-000335
PUB 41004, Table 4

Commercial Quality Video (a.k.a. BellSouth SPA Commercial Quality Video)

BellSouth TR-73557

Digital Data Access² (a.k.a. BellSouth DSO Digital Data)
For 2.4, 4.8, 9.6 and 56.0 Kbps

TR-NPL-000341
BellCore PUB 62310

For 19.2 Kbps

INC. BULLETIN
CB-INC-100

For 64.0 Kbps

AT&T PUB 62310

High Capacity (a.k.a. BellSouth SPA High Capacity)

TA-TSY-000342

WATS Access Line² (a.k.a. BellSouth SPA WATS Line)

TR-NPL-000054

Derived Data Channel² (a.k.a. BellSouth Derived Data Channel) service

TR-NPL-000334

BellSouth TR-73548

BellSouth TR-73548, Addendum 1

E7.2 Service Descriptions**E7.2.1 Reserved for Future Use****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: 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)****E7.2.3 Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) Service (Cont'd)****D. Optional Features And Functions (Cont'd)⁽²⁾**

(C)

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.

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	X
Improved Termination	X	X	X	X	X	X	X	X	X	X	X	X
Simplex Reversal	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)****E7.2.3 Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) Service (Cont'd)**F. WATS Access Line¹ (WAL) (a.k.a. *BellSouth SPA WATS Line*) service (Cont'd)1. Basic Channel Description (Cont'd)⁽²⁾

(C)

c. (Cont'd)

WATS Access Line (a.k.a. *BellSouth SPA WATS Line*) service is arranged for either originating calling or terminating calling. It is provided with either rotary dial or dual tone multifrequency address signaling and either loop start, ground start, E & M or reverse battery supervisory signaling. The choice of the type of signaling is at the option of the customer and subject to the technical limitations identified in the Technical Reference TR-NPL-000334. WATS Access Line (a.k.a. *BellSouth SPA WATS Line*) service is provided as an effective two-wire, an effective four-wire or a DS1 (i.e., 1.544 Mbps) transmission path. The DS1 WAL is only available as a trunk side termination on suitably equipped electronic switch, e.g., 1/1A ESS with Digital Carrier Termination (DCT) or DMS-100 with a Line Trunk Unit (LTU).

2. Technical Specification Packages

Parameters	Package WAL -		
	1	2	3
Attenuation Distortion	X	X	
Bit Error Rate			X
C-Message Noise	X	X	
Echo Control	X	X	
Envelope Delay Distortion	X	X	
Frequency Shift	X	X	
Impulse Noise	X	X	
Intermodulation Distortion	X	X	
Loss Deviation	X	X	
Phase Jitter	X	X	
Signal-to-C Notch Noise	X	X	

The technical specifications are delineated in Technical Reference TR-NPL-000334.

3. The following interfaces are available with WAL Service:

LO, LS, DS, GO, GS, RV, EA, EB

Compatible channel interfaces are set forth in Technical Reference TR-NPL-000334.

4. Optional Features and Functions

- a. Two-wire and four-wire Central Office bridging capability.
- b. Improved two-wire voice transmission specifications.
- c. Certain other options associated with WAL services such as WATS Access Line (a.k.a. *BellSouth SPA WATS Line*) Nonchargeable Termination Options and Common Switching Optional Features are available as defined in Section E6. preceding.

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)****E7.2.5 Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) Service (Cont'd)****B. Technical Specifications Packages (Cont'd)**

Interface options and service objectives for Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service are delineated in Technical Reference TR-NPL-000341.

C. Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a Digital Data (a.k.a. BellSouth SPA DS0 Digital Data) channel:

CI	Bit Rate
DU-24(S) ¹	2.4 Kbps
DU-48(S) ¹	4.8 Kbps
DU-96(S) ¹	9.6 Kbps
DU-19(S) ¹	19.2 Kbps
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⁽³⁾

(C)

1. Central Office Bridging Capability
2. Secondary Channel Capability
3. 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.

Note 1: (S) is an additional BellSouth designation for use when the optional Secondary Channel feature is required.

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)****E7.2.5 Digital Data Access¹ (a.k.a. BellSouth SPA DS0 Digital Data) Service (Cont'd)**

D. Optional Features and Functions (Cont'd)

4. Data Over Voice Channel (Cont'd)

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

(C)

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)****E7.2.6 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	4
Error-Free Seconds				X		

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.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)****E7.2.6 High Capacity (*a.k.a. BellSouth SPA High Capacity*) Service (Cont'd)⁽³⁾**

(C)

B. Technical Specifications Packages (Cont'd)

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous twenty-four 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.

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 Technical Reference TA-TSY-000342.

D. Optional Features and Functions

1.

2. 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.

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 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)****E7.2.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽²⁾**

(C)

D. Optional Features and Functions (Cont'd)**2. Channelization (Cont'd)****e. 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 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity.

f. DS0 Basic Channelization System¹

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

3. Channel Interface**a. DS1 Level Central Office Channel Interface**

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

b. DS1 Level Customer Channel Interface

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

c. DS0 Level Central Office Channel Interface¹

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

d. Subrate Level Central Office Channel Interface¹

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

4. 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.

5. 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 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 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. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)****E7.2.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽³⁾**

(C)

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 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			
Clear Channel Capability				X	
FlexServ® Service (a.k.a. BellSouth SPA Customer Reconfiguration)	X	X			

E7.2.7 Reserved for Future Use**E7.2.8 Reserved for Future Use****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****E7.2.14 (DELETED)**

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**E7.3 Channel Interface and Network Channel Codes****E7.3.1 General**

- A. This subsection explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Special Access (a.k.a. BellSouth SPA) service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

Example: If the customer specifies a LB Network Channel Code and a 2LC8 Channel Interface at the customer's premises, the following is being requested:

1. LB = Voice Grade¹ Channel with a Predefined Technical Specification Package (1)
2. 2 = Number of physical wires at customer premises
3. LC = Facility interface for Type C Signaling.
4. 8 = Variable impedance level

E7.3.2 Glossary of Channel Interface Codes and Options⁽²⁾

(C)

Code - Option	Definition
AB -	Accepts 20 Hz ringing signal at customer's point of termination
AC -	Accepts 20 Hz ringing signal at the customer's end user's point of termination
CS -	Digital hierarchy interface at Digital Crossconnect System (DCS)
- EA	E&M Signaling
- GO	Ground Start Loop Signaling - Open End
- GS	Ground Start Loop Signaling - Closed End
- LO	Loop Start Loop Signaling - Open End
- LS	Loop Start Loop Signaling - Closed End
- NO	Transmission Only - No Signaling
- R	(DS0) Customer Reconfiguration Voice Grade Service ¹
- 10R	DS1 to DS0 ¹ Customer Reconfigurable
- 10	DS1 to DS0 ¹
- 11R	DS1 to DS1 Customer Reconfigurable
- 11	DS1 to DS1
- SP	Resistive Type: Split Path Operation for Data Polling Conference Type
- CF	Resistive Type: Split Path Operation for Symmetrical Voice Conference Type
- BC	CO Bridging: Broadcast for Broadcast Conference Type

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**E7.3 Channel Interface and Network Channel Codes (Cont'd)****E7.3.2 Glossary of Channel Interface Codes and Options (Cont'd)⁽³⁾**

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Code - Option	Definition
- 15B	1.544 Mbps (DS1) Superframe (SF) format and B8ZS Clear Channel Capability per TA-TSY-000342
- 15E	8-bit PCM encoded in one 64 Kbps of the DS1 signal
- 15F	8-bit PCM encoded in two 64 Kbps of the DS1 signal
- 15G	8-bit PCM encoded in three 64 Kbps of the DS1 signal
- 15H	14/11-bit PCM encoded in six 64 Kbps of the DS1 signal
- 15J	1.544 Mbps format per PUB 41451 (only available to U. S. Govt. agencies)
- 31	3.152 Mbps (DS1C)
- 31L	3.152 Mbps (DS1C) with SF signaling
- 44	44.736 Mbps (DS3)
- 44L	44.736 Mbps (DS3) with SF signaling
- 63	6.312 Mbps (DS2)
- 63L	6.312 Mbps (DS2) with SF signaling
DU	Digital access interface
- 19 (S) ¹	19.2 Kbps ²
- 24 (S) ¹	2.4 Kbps ²
- 48 (S) ¹	4.8 Kbps ²
- 56 (S) ¹	56.0 Kbps ²
- 64	64.0 Kbps ²
- 96 (S) ¹	9.6 Kbps ²
- 1KN	DS1 (1.544 Mbps) ANSI Extended Superframe (ESF) Format per TR-NPL-000054 without line power
- 1SN	DS1 (1.544 Mbps) ANSI Extended Superframe (ESF) Format per TR-NPL-000054, with B8ZS Clear Channel Capability and without line power
- A	DS1 1.544 Mbps free-framing format per PUB 41451 with line power (only available to U. S. Govt. agencies)
- AN	DS1 (1.544 Mbps) free-framing format per PUB 41451 without line power (only available to U. S. Govt. agencies)
- BN	DS1 (1.544 Mbps) Superframe (SF) Format per TR-NPL-000054 without line power

Note 1: (S) is an additional BellSouth designation for use when the optional Secondary Channel feature is required.

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**E7.3 Channel Interface and Network Channel Codes (Cont'd)****E7.3.2 Glossary of Channel Interface Codes and Options (Cont'd)⁽²⁾**

(C)

Code - Option	Definition
- DN	DS1 (1.544 Mbps) Superframe (SF) Format per TR-NPL-000054, with B8ZS Clear Channel Capability and without line power.
- SN	1.544 Mbps (DS1) "ANSI" Extended Superframe (ESF) format and B8ZS Clear Channel Capability
DV -	Data and Voice Multiplexing
- BC	Digital Data Over Voice, 9.6 Kbps ¹
DX -	Duplex signaling interface at customer's point of termination
DY -	Duplex signaling interface at customer's end user's point of termination.
EA - E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA - M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.

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**E7.3 Channel Interface and Network Channel Codes (Cont'd)****E7.3.4 Digital Hierarchy Channel Interface Codes (4DS)⁽¹⁾**

(C)

Customers selecting the channelized four-wire DS1 or higher facility interface option at the customer designated premises will be requested to provide subsequent system and channel assignment data. The various digital bit rates in the digital hierarchy employ the channel interface code 4DS9, 4DS0 or 4DS6 plus the speed options indicated following:

Interface Code and Speed Option	Nominal Bit Rate (Mbps)	Digital Hierarchy Level
4DS9-15	1.544	DS1
4DS9-31	3.152	DS1C
4DS0-63	6.312	DS2
4DS6-44	44.736	DS3
(DELETED)		

E7.3.5 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g. VG1, etc.,) and the network channel codes that are used for various administrative purposes.

Service Designator Code	Network Channel Code
TG1	NW
TG2	NY
VG1	LB
VG2	LC
VG3	LD
VG4	LE
VG5	LF
VG6	LG
VG7	LH
VG8	LJ
VG9	LK
VG10	LN
VG11	LP
VG12	LR

Note 1: See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.3 Channel Interface and Network Channel Codes (Cont'd)⁽³⁾**

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E7.3.5 Service Designator/Network Channel Code Conversion Table (Cont'd)

Service Designator	Network Channel
Code	Code
AP1	PE
AP2	PF
AP3	PJ
AP4	PK
TV3	TZ
DA1	XA
DA2	XB
DA3	XG
DA4	XH
DA5	XE
DA6	YN
HC0	HS
HC1	HC
HC1C	HD
HC2	HE
HC3	HF

E7.4 Rate Regulations

This subsection 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

- 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 or fraction thereof that a Special Access (a.k.a. BellSouth SPA) service is provided. For billing purposes, each month is considered to have thirty days.

Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) service is offered under the contract plans as described in E7.4.14 following. Derived Data Channel² (a.k.a. BellSouth SPA Derived Data Channel) service is 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. 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, ***multiplied by a factor. The factor is fifty percent (50%) for contracts that have been in effect twelve months or less, or twenty percent (20%) for contracts that have been in effect longer than twelve months.*** An example is provided in a. following.

Note 1: Effective May 1, 2019, Customers may not convert, renew or establish CSPPs for Digital Data Access and Derived Data Channel 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.

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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)⁽⁵⁾**

(C)

A. (Cont'd)

1. Monthly Rates (Cont'd)

- a. An end user or IC subscribes to Derived Data Channel² (a.k.a. BellSouth SPA Derived Data Channel) 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 fifty percent (50%) of this amount calculated as follows:

$$\text{Termination Liability Charge} = .50 \times [(30 \text{ months} \times \text{monthly rate}) - (12 \text{ months} \times \text{monthly rate})]$$

- 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 Plan¹ as specified in E2.4.9.A.4.b., or IC or end user requested changes to services not covered by the Channel Services Payment Plan¹ 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 for variable periods, with rates based on lengths of thirty-six months^{3, 4}, sixty months^{3, 4}, or eighty-four 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 will be equal to the number of months remaining in the contract times the monthly contract rate. However, 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.

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

(N)

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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)⁽⁶⁾**

(C)

A. (Cont'd)

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 Grade⁽³⁾ (a.k.a. BellSouth SPA DS0 VG),
 - **(DELETED)**
 - Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service⁽¹⁾⁽³⁾,
 - High Capacity (a.k.a. BellSouth SPA High Capacity) service
 - SMARTRing⁽⁵⁾ service (a.k.a. BellSouth Dedicated Ring)
- Provided, however, that the following services are not eligible for such credit.
- FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration)
 - Derived Data Channel⁽³⁾ (a.k.a. BellSouth SPA Derived Data Channel) service
 - BellSouth Metro Ethernet⁽⁴⁾ 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.

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

Note 2: **(DELETED)**

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

Note 4: Effective on or after 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 5: 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 6: 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)**

A. (Cont'd)

3. Service Rearrangements⁽²⁾

(C)

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.

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in E5.2.6 preceding or a change in the physical location of the point of the termination at a customer designated premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of the termination are treated as moves and are described and charged for as set forth in E7.4.5 following. A change which results from a transfer of service as described and charged as set forth in 4. and E7.5.13 following.

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

Administrative changes, identified as follows, will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T-Communications),

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.

(N)

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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)**

E. Application of Rates (Cont'd)

1. (Cont'd)

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

2. In the case of multipoint Special Access (a.k.a. BellSouth SPA) service, one Special Access (a.k.a. BellSouth SPA) 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.

3. 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 (a.k.a. BellSouth SPA) 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 E2.4.9 of this Tariff or E7.7 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)⁽³⁾ ICB services is specified in the Individual Case Basis Filing. (C)

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

E7.4.5 Moves

A. A move involves a change in the physical location of one of the following:

1. The point of termination at the customer's premises
2. The customer's premises

B. The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

1. Moves Within the Same Building

When the move is to a new location within the same building the charge for the move will be an amount equal to one-half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirement.

2. Moves To a Different Building

Moves to a different building, other than addressed in 3. following, will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

3. Moves of Service(s) under CSPP

Customer requests for moves of service under CSPP, other than inside moves, will be subject to the conditions stated in E2.4.9.A.8. of this Tariff.

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)****E7.4.7 Facility Hubs⁽⁴⁾**

(C)

A customer has the option of ordering Voice Grade² (a.k.a. BellSouth SPA DS0 VG) 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 (a.k.a. BellSouth SPA Telegraph), Voice² (a.k.a. BellSouth SPA DS0 VG), 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 (a.k.a. BellSouth SPA DS0 VG) or digital Local Channel, Interoffice Channel, if applicable and the Basic Channelization System at the time the facility is installed. DS1 and DS0 Basic Channelization Systems² require a Central Office Channel Interface for activation of each lesser capacity channel. DS3 to DS1 channelization arrangements, for transport of intrastate DS1 service high capacity channels via LightGate (a.k.a. BellSouth SPA Point to Point Network) and SMARTRing³ services (a.k.a. BellSouth SPA Dedicated Ring), require a DS1 channel interface for activation of each DS1 channel. Individual service rates (by service type) will apply for a Local Channel, additional Interoffice Channel and Central Office Channel Interface(s) (as required), if applicable, for each channelized service. These will be billed to the customer as each individual service is installed.

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.

(N)

M1 Material appearing on this page previously appeared on page(s) 32 of this section.

M2 Material appearing on this page previously appeared on page(s) 33 of this section.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.4 Rate Regulations (Cont'd)****E7.4.7 Facility Hubs (Cont'd)**

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

When cascading channelization is performed, whether in the same or a different Hub, a charge for the additional Basic Channelization System and Central Office Channel Interface(s) also applies. A DS1 Basic Channelization System and DDAS² (a.k.a. BellSouth SPA DS0 Digital Data) Central Office Channel Interface are required for high speed or low speed DDAS² (a.k.a. BellSouth SPA DS0 Digital Data) activations when channelized from a DS1 (1.544 Mbps) channel. A DS0 Basic Channelization System² and Subrate Central Office Channel Interface² are required for subrate² activations of 2.4, 4.8 and 9.6 Kbps when channelized from a DS0² (64 Kbps) channel. When cascading channelization is performed at different Hubbing locations, Interoffice Channel charges also apply between the Hubs.

A customer can order service(s) between customer designated premises and a hub and will be billed accordingly at the rates set forth in E7.5.5 following for the service, as appropriate. The customer will be charged for each such connection made at the rates for Other Labor as set forth in E13.2.5 following. The rates that apply for the service between each customer designated premises and the hub are a Local Channel and Interoffice Channel, if applicable.

E7.4.8 Shared Use Analog and Digital High Capacity (a.k.a. BellSouth SPA High Capacity) Services⁽⁴⁾

(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: 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: (DELETED)

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 (a.k.a. BellSouth SPA High Capacity) Services (Cont'd)⁽⁴⁾**

(C)

E7.4.9 Multijurisdictional WATS Access Line¹ (a.k.a. BellSouth SPA WATS Line) "1+" and "0" IntraLATA Usage

"1+" and "0" intraLATA usage carried over outward WATS Access Lines (a.k.a. BellSouth SPA WATS Line) from this Tariff, having both intra and interstate capability (multijurisdictional) and provided from the BellSouth Telecommunications, Inc. Tariff FCC No. 1 or other appropriate Local Exchange Carrier (LEC) interstate tariff, will be completed over LEC facilities at LEC intraLATA outward WATS rates and subject to rules and regulations applicable to LEC intraLATA outward WATS. Subscribers using a multijurisdictional access line for BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service may choose either the Company or the interexchange carrier to complete and bill intraLATA calls according to the appropriate rates, rules and regulations. The "1+" and "0" intraLATA usage will be billed to the customer (end user or IC) where the closed end of the Multijurisdictional WATS Access Line (a.k.a. BellSouth SPA WATS Line) is terminated. Customer billing information must be provided to the Company at the time the Multijurisdictional WATS Access Line (a.k.a. BellSouth SPA WATS Line) is ordered when the Company is used to complete intraLATA calls.

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: *(DELETED)*.

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)****E7.4.10 Reserved for Future Use****E7.4.11 Reserved for Future Use****E7.4.12 FlexServ® Service (a.k.a. BellSouth SPA Customer Reconfiguration)⁽¹⁾**

(C)

A. General

FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration) is an optional feature that enables the customer to monitor and reconfigure his Voice Grade (a.k.a. BellSouth SPA DS0 VG), DDAS (a.k.a. BellSouth SPA DS0 Digital Data), and High Capacity special access (a.k.a. BellSouth SPA High Capacity) services without the direct intervention of Company personnel.

1. Basic FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration)

Basic FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration) includes monitoring and reconfiguration of the customer's private line services equipped with FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration).

Monitoring consists of unsolicited signals of major and minor facility alarms. These alarms include carrier group alarms, out of service alarms, bit error rate, bipolar violations, slip errors, errored seconds, out-of-frame alarms and invalid connections. Invalid connections are connections between special access services with incompatible signals or between services without FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration). Customer requests for such connections will be denied. The Company shall not be responsible for service interruptions, troubles, loss of customer data, or any other losses resulting from attempted invalid connections.

Reconfiguration provides the customer with the ability to direct the Company to connect or disconnect circuits equipped with FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration) options to or from each others of like kind at a central office or central offices where the customer has purchased FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration). Such connections and disconnections may be performed immediately or at a future time prescribed by the customer and are performed without direct interaction by Company personnel.

The customer is responsible for providing the terminal equipment required for access to FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration).

The customer may transmit reconfiguration directions to or receive monitoring information from the Company over a switched service or a private line service. There are several types of access to the service listed in the General Subscriber Service Tariff from which the customer may choose. The type of access chosen will indicate the type of service the customer must provide to a Company location. Each FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration) customer must purchase at least one type of access.

Outside of the Company exchange or region, the customer must provide service from his terminal location to the designated Company location from which he may receive monitoring information or transmit reconfiguration directions.

With the customer's initial order for basic FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration), the Company provides the capability for "User Access" for monitoring and reconfiguration signals. One customer identification code with password security is included with such access.

With the customer's initial order, the Company provides one customer training class for up to five (5) persons. The class length of this initial training is two consecutive eight hour days. These training classes are conducted at a designated Company location. Transportation, lodging and food for the attendees will be the responsibility of the customer. If the customer desires for the initial training to be conducted on his premises, then the customer is responsible for the transportation, lodging and food for the trainer. In addition, the customer is responsible for having the appropriate equipment on his premises.

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.

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)**1. Basic FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) (Cont'd)**

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 Service 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 Service Tariff.

Note 1: 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)****E7.4.12 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)**

- 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.
 - (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 4 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 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 (*a.k.a. BellSouth SPA*) 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 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.

Note 1: 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)****E7.4.12 FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) (Cont'd)⁽¹⁾**

(C)

A. General (Cont'd)**4. Shared FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) Arrangement (Cont'd)**

Any customer in a shared FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) arrangement must give the Company 30 days prior written notice of his intent to revoke an agent's authority or to remove his special access 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 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.**

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.

Note 1: 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)****E7.4.12 FlexServ® Service (*a.k.a. BellSouth SPA Customer Reconfiguration*) (Cont'd)⁽³⁾**

(C)

- B. Application of Rates (Cont'd)
- 2. FlexServ® service (*a.k.a. BellSouth SPA Customer Reconfiguration*) Options (Cont'd)
 - 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.

E7.4.13 Derived Data Channel² (*a.k.a. BellSouth SPA Derived Data Channel*) Service (DDCS)

- A. Application of Rates

The derived data channel (*a.k.a. BellSouth SPA 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, ESSX® service main station 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 Digital Data Access² (*a.k.a. BellSouth SPA DS0 Digital Data*) Service (DDAS)

- A. General

Digital Data Access (*a.k.a. BellSouth SPA DS0 Digital Data*) service is available on a month-to-month basis or under either of two optional contract plans.
- B. Application of Rates
 - 1. Digital Data Access (*a.k.a. BellSouth SPA DS0 Digital Data*) service is 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.

A Termination Liability Charge is applicable at the date of termination if the IC or end user terminates or disconnects the service prior to fulfilling the period of the contract plan, except as follows.

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

Note 1: Effective May 1, 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: 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)****E7.4.14 Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) Service (DDAS) (Cont'd)****B. Application of Rates (Cont'd)****1. (Cont'd)**

- b. A Termination Liability Charge 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.

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, ***multiplied by a factor. The factor is fifty percent (50%) for contracts that have been in effect twelve months or less, or twenty percent (20%) for contracts that have been in effect longer than twelve months.*** An example is as follows:

- An IC or end user subscribes to Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service using the twenty-four to forty-two month payment plan¹. The actual duration of the contract plan 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 ***fifty percent (50%) of this amount*** calculated as follows:

Termination Liability Charges = $.50 \times [(30 \text{ months} \times \text{monthly rate}) - (12 \text{ months} \times \text{monthly rate})]$

E7.4.15 Zone Pricing⁽³⁾

(C)

High Capacity (a.k.a. BellSouth SPA DS1) service (1.544 Mbps) is organized into three pricing zones. Rate levels for the Local Channel, Interoffice Channel, and DS1 Basic Channelization will be billed in accordance with the pricing zone assignment of the serving wire center. The pricing zone assignment for each Company serving wire center is specified in the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4.

Interoffice Channel mileage that is divided between two serving wire centers in differently priced zones will be billed at the higher priced zone rate. Channelization rates will be determined by the location of the channelization arrangement.

Note 1: Effective May 1, 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: See Section 2.1.4 for Service availability.

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E7. SPECIAL ACCESS SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.5 Digital Data Access³ Service (Cont'd)****C. Optional Features and Functions (Cont'd)**

3.

4. Speed Change Charge¹

(a) Per Local Channel

Nonrecurring Charge		USOC
First	Additional	
\$330.00	\$170.00	SCH

(C)

E7.5.6 High Capacity Service⁽⁴⁾**A. Local Channel**

1. Per Point of Termination - 1.544 Mbps

Monthly Rate		Nonrecurring		USOC
SEE CURRENT PRICE LIST		Charge		
Minimum	Maximum	First	Additional	
\$120.00	\$200.00	\$675.00	\$310.00	TMECS
120.00	200.00	675.00	310.00	TMECS
120.00	200.00	675.00	310.00	TMECS

2. Per Point of Termination

(a) 3.152 Mbps ²	-	-	-	-	TWT++
(b) 6.312 Mbps ²	-	-	-	-	TWT++
(c) 44.736 Mbps ²	-	-	-	-	TWT++

Note 1: Speed Change Charge is applicable where circuit out of service time during speed change activity is acceptable to customer.

Note 2: ICB rates and charges apply.

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 SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.6 High Capacity Service (Cont'd)⁽⁵⁾**

(C)

A. Local Channel (Cont'd)**3. Contract Rates Per Point of Termination¹****a. 1.544 Mbps****(1) Rate Zone 1**

	Monthly Rate SEE CURRENT PRICE LIST		Nonrecurring Charge		USOC
	Minimum	Maximum	First	Additional	
(a) 24 to 48 months ^{2, 3, 4}	\$110.00	\$190.00	\$675.00	\$310.00	TMECS
(b) 49 to 72 months ^{2, 3}	110.00	190.00	675.00	310.00	TMECS
(c) 73 to 96 months ^{2, 3}	110.00	190.00	675.00	310.00	TMECS
(2) Rate Zone 2					
(a) 24 to 48 months ^{2, 3, 4}	110.00	190.00	675.00	310.00	TMECS
(b) 49 to 72 months ^{2, 3}	110.00	190.00	675.00	310.00	TMECS
(c) 73 to 96 months ^{2, 3}	110.00	190.00	675.00	310.00	TMECS
(3) Rate Zone 3					
(a) 24 to 48 months ^{2, 3, 4}	110.00	190.00	675.00	310.00	TMECS
(b) 49 to 72 months ^{2, 3}	110.00	190.00	675.00	310.00	TMECS
(c) 73 to 96 months ^{2, 3}	110.00	190.00	675.00	310.00	TMECS

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

Note 2: Effective May 1, 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.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽⁵⁾**

(C)

B. Interoffice Channel

1. 1.544 Mbps

a. Monthly Rates (SEE CURRENT PRICE LIST)¹

(1) 0 Mile

		Fixed Monthly Rate			Monthly Rate Per Mile			Nonrecurring Charge Per Channel	USOC
		Rate Zone 1	Rate Zone 2	Rate Zone 3	Rate Zone 1	Rate Zone 2	Rate Zone 3		
(a)	Per channel	\$-	\$-	\$-	\$-	\$-	\$-	\$-	NA
(b)	Minimum	-	-	-	-	-	-	-	1L5XX
(c)	Maximum	-	-	-	-	-	-	-	1L5XX
(2)	1 thru 8 Miles								
(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	60.00	60.00	60.00	30.00	30.00	30.00	-	1L5XX
(c)	Maximum	72.00	72.00	72.00	37.00	37.00	37.00	-	1L5XX
(3)	9 thru 25 Miles								
(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	60.00	60.00	60.00	30.00	30.00	30.00	-	1L5XX
(c)	Maximum	77.00	77.00	77.00	36.00	36.00	36.00	-	1L5XX
(4)	Over 25 Miles								
(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	60.00	60.00	60.00	30.00	30.00	30.00	-	1L5XX
(c)	Maximum	95.00	95.00	95.00	35.00	35.00	35.00	-	1L5XX

b. 24 to 48 Month Contract Rates^{2, 3, 4} (SEE CURRENT PRICE LIST)¹

(1) 0 Mile

(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	-	-	-	-	-	-	-	1L5XX
(c)	Maximum	-	-	-	-	-	-	-	1L5XX
(2)	1 thru 8 Miles								
(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	65.00	65.00	65.00	25.00	25.00	25.00	-	1L5XX
(c)	Maximum	72.00	72.00	72.00	34.00	34.00	34.00	-	1L5XX
(3)	9 thru 25 Miles								
(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	65.00	65.00	65.00	25.00	25.00	25.00	-	1L5XX
(c)	Maximum	77.00	77.00	77.00	32.00	32.00	32.00	-	1L5XX

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

Note 2: Effective May 1, 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.

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽⁵⁾**

(C)

B. Interoffice Channel (Cont'd)**1. 1.544 Mbps (Cont'd)****b. 24 to 48 Month Contract Rates^{2, 3, 4} (SEE CURRENT PRICE LIST)¹ (Cont'd)****(4) Over 25 Miles**

		Fixed Monthly Rate			Monthly Rate Per Mile			Nonrecurring Charge	USOC
		Rate Zone 1	Rate Zone 2	Rate Zone 3	Rate Zone 1	Rate Zone 2	Rate Zone 3	Per Channel	
(a)	Per channel	\$-	\$-	\$-	\$-	\$-	\$-	\$255.00	NA
(b)	Minimum	65.00	65.00	65.00	25.00	25.00	25.00	-	1L5XX
(c)	Maximum	95.00	95.00	95.00	30.00	30.00	30.00	-	1L5XX
c. 49 to 72 Month Contract Rates^{2, 3} (SEE CURRENT PRICE LIST)¹									
(1) 0 Mile									
(a)	Per channel	-	-	-	-	-	-	-	NA
(b)	Minimum	-	-	-	-	-	-	-	1L5XX
(c)	Maximum	-	-	-	-	-	-	-	1L5XX
(2) 1 thru 8 Miles									
(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	65.00	65.00	65.00	23.00	23.00	23.00	-	1L5XX
(c)	Maximum	72.00	72.00	72.00	32.00	32.00	32.00	-	1L5XX
(3) 9 thru 25 Miles									
(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	65.00	65.00	65.00	23.00	23.00	23.00	-	1L5XX
(c)	Maximum	77.00	77.00	77.00	30.00	30.00	30.00	-	1L5XX
(4) Over 25 Miles									
(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	65.00	65.00	65.00	23.00	23.00	23.00	-	1L5XX
(c)	Maximum	95.00	95.00	95.00	28.00	28.00	28.00	-	1L5XX
d. 73 to 96 Month Contract Rates^{2, 3} (SEE CURRENT PRICE LIST)¹									
(1) 0 Mile									
(a)	Per channel	-	-	-	-	-	-	-	NA
(b)	Minimum	-	-	-	-	-	-	-	1L5XX
(c)	Maximum	-	-	-	-	-	-	-	1L5XX
(2) 1 thru 8 Miles									
(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	65.00	65.00	65.00	21.00	21.00	21.00	-	1L5XX
(c)	Maximum	72.00	72.00	72.00	30.00	30.00	30.00	-	1L5XX

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

Note 2: Effective May 1, 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.

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SOUTH CAROLINA
ISSUED: October 17, 2025
BY: President - South Carolina
Columbia, South Carolina

ACCESS SERVICES TARIFF

Fourth Revised Page 43.2
Cancels Third Revised Page 43.2

EFFECTIVE: November 1, 2025

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽⁴⁾**

(C)

B. Interoffice Channel (Cont'd) (a.k.a. BellSouth SPA High Capacity)**1. 1.544 Mbps (Cont'd)****d. 73 to 96 Month Contract Rates^{2, 3} (SEE CURRENT PRICE LIST)¹ (Cont'd)****(3) 9 thru 25 Miles**

		Fixed Monthly Rate			Monthly Rate Per Mile			Nonrecurring Charge	USOC
		Rate Zone 1	Rate Zone 2	Rate Zone 3	Rate Zone 1	Rate Zone 2	Rate Zone 3	Per Channel	
(a)	Per channel	\$-	\$-	\$-	\$-	\$-	\$-	\$255.00	NA
(b)	Minimum	65.00	65.00	65.00	21.00	21.00	21.00	-	1L5XX
(c)	Maximum	77.00	77.00	77.00	28.00	28.00	28.00	-	1L5XX
(4) Over 25 Miles									
(a)	Per channel	-	-	-	-	-	-	255.00	NA
(b)	Minimum	65.00	65.00	65.00	21.00	21.00	21.00	-	1L5XX
(c)	Maximum	95.00	95.00	95.00	26.00	26.00	26.00	-	1L5XX

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

Note 2: Effective May 1, 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: See Section 2.1.4 for Service availability.

(N)

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Columbia, South Carolina

ACCESS SERVICES TARIFF

Seventh Revised Page 44
Cancels Sixth Revised Page 44

EFFECTIVE: November 1, 2025

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽²⁾**

(C)

B. Interoffice Channel (Cont'd)**2. 3.152 Mbps****Mileage Bands**

Fixed Monthly Charge		Monthly Charge Per Mile		Nonrecurring Charge	USOC
Min.	Max.	Min.	Max.		
SEE CURRENT PRICE LIST					
\$-	\$-	\$-	\$-	\$-	1LOXX
-	-	-	-	-	1LOXX
-	-	-	-	-	1LOXX
-	-	-	-	-	1LOXX

3. 6.312 Mbps**Mileage Bands**

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

4. 44.736 Mbps**Mileage Bands**

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

Note 1: ICB rates and charges apply.

Note 2: See Section 2.1.4 for Service availability.

(N)

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Eleventh Revised Page 45
Cancels Tenth Revised Page 45

EFFECTIVE: November 1, 2025

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽³⁾**

(C)

C. Optional Features and Functions**1. Channelization**

		Monthly Rate			
		Nonrecurring Charge	SEE CURRENT PRICE LIST Minimum	Maximum	USOC
a.	DS3 Channelization				
	(1) DS3 to DS1				
	(a) Per arrangement ¹	\$-	\$-	\$-	MXB++
b.	DS2 Channelization				
	(1) DS2 to DS1				
	(a) Per arrangement ¹	-	-	-	MXD++
c.	DS1C Channelization				
	(1) DS1C to DS1				
	(a) Per arrangement ¹	-	-	-	MXH++
d.	DS1 Channelization				
	(1) DS1 Basic Channelization System (DS1 to VG/DS0)				
	(a) Rate Zone 1 - Per System	130.00	158.00	263.00	MQ1
	(b) Rate Zone 2 - Per System	130.00	158.00	263.00	MQ1
	(c) Rate Zone 3 - Per System	130.00	158.00	263.00	MQ1
e.	DS0 Channelization ²				
	(1) DS0 Basic Channelization System (DS0 to Subrates)				
	(Per System)				
	(a) Maximum of 20 2.4 Kbps services	130.00	90.00	150.00	QSU24
	(b) Maximum of 10 2.4 Kbps services	130.00	90.00	150.00	QSU48
	(c) Maximum of 5 9.6 Kbps services	130.00	90.00	150.00	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
TELECOMMUNICATIONS

ACCESS SERVICES TARIFF

Twelfth Revised Page 45.1
Cancels Eleventh Revised Page 45.1

SOUTH CAROLINA
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Columbia, South Carolina

EFFECTIVE: November 1, 2025

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽⁶⁾**

(C)

C. Optional Features and Functions (Cont'd)**2. Channel Interfaces (Per Interface)****a. Sub-DS3 Interfaces****DS1 Level Central Office Channel Interface**

	Recurring Rate SEE CURRENT PRICE LIST		Nonrecurring Charge	USOC
	Minimum	Maximum		
(1) Asynchronous				
(a) Month-To-Month	\$9.00	\$15.00	\$155.00	1D3CA
(b) 24-48 Months ^{1, 4, 5}	6.00	10.00	155.00	1D3CA
(c) 49-72 Months ^{1, 4}	5.00	9.00	155.00	1D3CA
(d) 73-96 Months ^{1, 4}	4.00	8.00	155.00	1D3CA
(2) Synchronous				
(a) Month-To-Month	\$27.00	\$45.00	\$130.00	1D3CS
(b) 24-48 Months ^{1, 4, 5}	23.00	39.00	130.00	1D3CS
(c) 49-72 Months ^{1, 4}	21.00	35.00	130.00	1D3CS
(d) 73-96 Months ^{1, 4}	19.00	31.00	130.00	1D3CS
b. Sub-DS3 Interfaces				
DS1 Level Customer Channel Interface				
(1) Asynchronous				
(a) Month-To-Month	\$13.00	\$21.00	\$310.00	1D3DA
(b) 24-48 Months ^{(1), 4, 5}	10.00	16.00	310.00	1D3DA
(c) 49-72 Months ^{(1), 4}	10.00	16.00	310.00	1D3DA
(d) 73-96 Months ^{(1), 4}	10.00	16.00	310.00	1D3DA
(2) Synchronous				
(a) Month-To-Month	\$34.00	\$56.00	\$250.00	1D3DS
(b) 24-48 Months ^{(1), 4, 5}	27.00	45.00	250.00	1D3DS
(c) 49-72 Months ^{(1), 4}	25.00	41.00	250.00	1D3DS
(d) 73-96 Months ^{(1), 4}	23.00	38.00	250.00	1D3DS
c. Sub-DS1 Interfaces				
(1) VG/DS0 Level Central Office Channel Interface				

	Recurring Rate SEE CURRENT PRICE LIST		Nonrecurring Charge		USOC
	Minimum	Maximum	First	Additional	
(a) BellSouth SWA	\$0.00	\$0.00	\$0.00	\$0.00	1D1SW
(b) Telegraph ³ (a.k.a. BellSouth SPA Telegraph)	4.00	6.00	7.00	6.00	1D1TE
(c) Voice Grade ³ (a.k.a. BellSouth SPA DSO VG)	5.00	8.00	7.00	6.00	1D1VG
(d) WATS Access Line ³ (a.k.a. BellSouth SPA WATS Line)	5.00	8.00	7.00	6.00	1D1WT
(e) (DELETED)					
(f) (DELETED)					
(g) DDAS ³ (a.k.a. BellSouth SPA DSO Digital Data)	11.00	16.00	7.00	6.00	1D1DD

Note 1: Effective May 1, 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 2: **(DELETED)**

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

Note 4: Effective 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)

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Eighth Revised Page 45.2
Cancels Seventh Revised Page 45.2

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽²⁾**

(C)

C. Optional Features and Functions (Cont'd)**2. Channel Interfaces (Per Interface) (Cont'd)****d. Sub-DS0 Interfaces¹****(1) Subrate Level Central Office Channel Interface**

		Recurring Rate		Nonrecurring Charge		
		SEE CURRENT PRICE LIST		First	Additional	USOC
		Minimum	Maximum			
3.	(a) Subrate (2.4, 4.8, & 9.6 Kbps)	\$11.00	\$16.00	\$7.00	\$6.00	1DOSR

4. Clear Channel Capability is furnished on a per DS1 service channel basis. Per DS1/1.544 Mbps High Capacity Channel optioned as:

		Monthly Rate	Nonrecurring Charge		USOC
			Initial	Subsequent	
	(a) Superframe Format (SF)	\$0.00	\$-	\$605.00	CCOSF
	(b) Extended Superframe Format (ESF)	0.00	-	605.00	CCOEF
5.	(DELETED)				

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.

(N)

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Seventh Revised Page 46.2
Cancels Sixth Revised Page 46.2

EFFECTIVE: November 1, 2025

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 Channel (a.k.a. BellSouth SPA Derived Data Channel)

	Nonrecurring Charge	Month To Month	24 to 42 Months ¹	43 to 60 Months ¹	USOC
(a) Per channel at 2.4 Kbps	\$450.00	\$17.00	\$13.50	\$11.00	DAXPG
2. DS0-B Interface					
(a) Per group of twenty channels at 2.4 Kbps each	330.00	70.00	65.00	62.00	DAXP1

B. Interoffice Channel

1. Per group of twenty channels at 2.4 Kbps each

(a) Fixed	90.00	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 Months ¹	49 to 72 Months ¹	73 to 96 Months ¹	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

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

1. Multipoint Bridging

(a) Voice Grade Connections, per bridging leg	20.00	5.00	4.50	4.40	4.30	FSSF9
(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

Note 1: Effective May 1, 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)

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Seventh Revised Page 46.3
Cancels Sixth Revised Page 46.3

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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) (Cont'd)⁽²⁾**

(C)

B. FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) Options (Cont'd)

2. Subrate Reconfiguration Capability

		Nonrecurring Charge					USOC
		\$45.00					DSLSB
		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)						
(b)	9.6 Kbps, per DS0A requires 5	\$5.00	\$8.75	\$8.15	\$7.60	\$7.20	DSLS9
(c)	4.8 Kbps, per DS0A requires 10	5.00	7.40	6.80	6.30	5.95	DSLS4
(d)	2.4 Kbps, per DS0A requires 20	5.00	7.00	6.45	5.95	5.60	DSLS2
3.	Additional Concurrent User Access						
(a)	Per Additional User Access	125.00	68.00	60.00	57.00	54.00	FSSFU
4.	<i>Additional</i> User Identification Codes						
		Nonrecurring Charge					USOC
		\$3.00					FSSFA
(a)	Per Additional Code						
5.	Additional Customer Training						
(a)	Per eight hour day of training after initial installation				450.00		FSSFT
6.	Reconfiguration by Company Personnel						
(a)	Request for Company to perform reconfiguration activity				25.00		FSSRA
7.	(DELETED)						

E7.5.17 Reserved for Future Use

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

Note 2: See Section 2.1.4 for Service availability.

(N)