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E2. GENERAL REGULATIONS

E2.4 Payment Arrangements and Credit Allowances (Cont'd)

E2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

- I. (Cont'd)
 - The Extended Billing Plan Charge is calculated at a rate of 1.0 percent per month or 12 percent annually, on the unbilled balance of the nonrecurring charges.
 - The IC or end user must request extended billing at the time the Access Service request is placed for a Standard or Negotiated Interval Access Order.
 - If the IC or end user disconnects service before the expiration of the plan period, all unbilled charges plus the Extended Billing Plan Charge, if applicable, will be included in the final bill rendered.

E2. GENERAL REGULATIONS

E2.4 Payment Arrangements and Credit Allowances (Cont'd)

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

- **B.** When A Credit Allowance Applies (Cont'd)
 - 1. (Cont'd)
 - d. For BellSouth SWA channelized services, the monthly charge shall be the total of all monthly rate element charges associated with that portion of the service that is inoperative. When the facility which is channelized or the Basic Channelization System itself is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with the service (*e.g.*, the Switched Local Channel, Switched Interoffice Channels, Channelization Equipment, including the Basic Channelization System on the facility to the Hub, if applicable).

2. Reserved for Future Use

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E2. GENERAL REGULATIONS

E2.4 Payment Arrangements and Credit Allowances (Cont'd)

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

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



- 3. For BellSouth® SWA and BellSouth® Directory Assistance Access services, no credit shall be allowed for an interruption of less than twenty-four hours. The customer shall be credited for an interruption of twenty-four hours or more at the rate applicable to the service involved, for each period of twenty-four hours or major fraction thereof that the interruption continues. In the case of service billed based upon actual usage, no credit allowance is applicable.
- 4. The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the sum of the monthly rate the assumed minutes of use charge or the minimum monthly usage charge one monthly billing period.
- 5. For certain Special Access (a.k.a. BellSouth® SPA) services (Wideband Digital, WD1-3; Digital Data Access (a.k.a. BellSouth® SPA Digital Data), DA1-4; and High Capacity (a.k.a. BellSouth® SPA High Capacity), HC1), any period during which the error performance is below that specified for the service will be considered as an interruption.
- 6. Service interruptions for Specialized Service or Arrangements provided under the provisions of Section E12. *of this Tariff* shall be administered in the same manner as those set forth in this *Section* (E2.4.4.) unless other regulations are specified with the individual case filing.
- 7. For BellSouth® Wavelength service, a credit for a service interruption of thirty minutes or more per occasion shall be 100 percent of the monthly charges for the BellSouth® Wavelength service. A customer must report the outage in order to receive service outage credit. The total credit received in any month shall not exceed the monthly rate for the service.
- C. When A Credit Allowance Does Not Apply

No credit allowance will be made for:

- 1. Interruptions caused by the negligence of the customer.
- 2. Interruptions of a service due to the failure of equipment or systems provided by the customer or others.
- 3. Interruptions of a service during any period in which the Company is not afforded access to the premises where the service is terminated.
- 4. Interruptions of a service when the customer has released that service to the Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service during the time that was negotiated with the customer prior to the release of that service. Thereafter, a credit allowance as set forth in B. preceding applies.

E2. GENERAL REGULATIONS

E2.4 Payment Arrangements and Credit Allowances (Cont'd)

E2.4.9 Optional Payment Plan

- A. Channel Services Payment Plan
 - General
 - a. The regulations specified herein are applicable to Special Access (a.k.a. BellSouth SPA) facilities as indicated in the appropriate sections of this Tariff for channel services.
 - b. Facilities furnished under the Channel Services Payment Plan (CSPP) are subject to all general regulations applicable to the provision of service by the Company as stated elsewhere in this Tariff except as noted herein.
 - The CSPP is a payment plan which allows customers to pay fixed rates for channel service equipment and facilities over variable contractual payment periods. A specific monthly rate applies for the duration of each period as follows or as specified otherwise in this Tariff.
 - (1) 36 Month Term Payment Plan payment periods may be selected from 24 months to 48 months in length, at 36 month rates and charges. 1, 2

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- (2) 60 Month Term Payment Plan payment periods may be selected from 49 months to 72 months in length, at 60 month rates and charges. 1, 2
- 84 Month Term Payment Plan payment periods may be selected from 73 months to 96 months in length, at 84 month rates and charges. 1, 2
- d. When the customer extends service beyond a ninety-six month service period, the eighty-four month¹ Term Payment Plan (or the longest available tariffed service period) rates will apply.
- When the customer orders service to be provided under a CSPP arrangement, the customer must designate to the Company the payment plan and the service period desired, e.g. eighty-four month¹ Term Payment Plan and ninety-six months.
- Application of Rates and Charges
 - a. Rates stabilized under a CSPP arrangement are exempt from Company-initiated increases, however, decreases for any rate element will automatically flow through to the customer. Effective with this Tariff, customers under a CSPP arrangement will be billed the lower of their existing CSPP rates or the current CSPP rates for their service arrangement.
 - b. In the event that all or any part of a service is disconnected at customer request prior to expiration of any selected payment period of greater than one month's duration, the customer will be required to pay a termination charge as stated in that service's section of this Tariff.
 - When customers renew or change the length of their payment period, the rates applicable for the new period are those currently in effect at the time of the renewal or change in the length of the payment period.
 - d. Recurring rates and nonrecurring charges apply according to the appropriate schedules for services offered as associated items to Channel Services, and are filed elsewhere in this Tariff.
 - e. Customer requests for inside moves of service will not affect the contract period.
 - A change in jurisdiction will not constitute a disconnect of service provided the new CSPP arrangement is a minimum twenty-four month service period or equals/exceeds the remaining service period, whichever is greater, provided the new CSPP arrangement is for the same customer at the same location for the same capacity service.
 - Note 1: Effective December 25, 2013, Customers may not establish new term plans greater than 36 months for Derived Data Channel service and term plans may not be renewed for a term greater than 36 months. Effective December 25, 2013, Customers may not establish new term plans greater than 36 months for BellSouth SPA CNM - FlexServ Service and term plans may not be renewed for a term greater than 36 months.

Effective December 25, 2013, Customers may not establish new term plan greater than 36 months for High Capacity Service and term plans may not be renewed for a term greater than 36 months. Effective December 25, 2013, Customers may not establish new term plan greater than 36 months for Digital Data Access service and term plans may not be renewed for a term greater than 36 months.

Effective March 24, 2019, Customers may not establish CSPPs for Derived Data Channel service, BellSouth (N) Note 2: SPA CNM - FlexServ Service, and Digital Data Access Service, and CSPPs may not be converted or renewed for Derived Data Channel service, BellSouth SPA CNM - FlexServ Service, Digital Data Access Service, and High Capacity Service.

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)
 - 6. Requests for Changes in Length of Optional Payment Period (Cont'd)
 - a. (Cont'd)
 - (2) A currently offered payment period at the current rates, with a length shorter than the time remaining in the existing service agreement, subject to the following conditions:
 - No credit will be given for payments made during the formerly selected period.
 - The new payment period begins with the new CSPP effective date.
 - A termination charge applies for the remaining portion of former payment period.
 - Nonrecurring charges will not be reapplied.
 - 7. Renewal Options
 - a. The customer has the following renewal¹ options:

- (N)
- (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. The customer will be charged the current rate for the newly selected payment period, commencing the day following completion of the prior payment period.
- (N)
- (2) Service may be continued on a month-to-month basis at the current rate for the one-month payment period, unless otherwise specified in this Tariff. The customer has no additional service commitment and, consequently, when service is terminated will not be subject to any termination charge. The one-month service will be subject to Company-initiated rate adjustments when approved by the appropriate regulatory authority.
- (3) If the customer does not elect an additional payment period or does not request discontinuance of service, service will be continued at the monthly rate currently in effect for the month-to-month payment rate, under the terms specified in (1) preceding.

Note 1: Effective March 24, 2019, Customers may not establish CSPPs for Derived Data Channel service, BellSouth
SPA CNM - FlexServ Service, and Digital Data Access service, and CSPPs may not be converted or
renewed for Derived Data Channel service, BellSouth SPA CNM - FlexServ Service, Digital Data Access
Service, and High Capacity Service.

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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)
 - Renewal Options (Cont'd)
 - 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 or 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 DSO VG) service with a DS1 High Capacity (a.k.a. BellSouth SPA DSO High Capacity) service.
 - f. Recognition of previous service will be given to month-to-month customers with a service date of January 1, 1994 or later who convert to a CSPP arrangement, provided the minimum service period has been met. For customers whose service date is January 1, 1994 or earlier, recognition will be given for the previous service back to January 1, 1994. For customers whose service date is later than January 1, 1994, recognition for the previous service will be given back to the actual service date.
 - g. To determine the appropriate CSPP Payment Plan for the renewed arrangement, recognition of service will consist of the sum of months in service of the completed service arrangement and the sum of the months of the proposed service period of the CSPP arrangement. For example, a CSPP arrangement for a thirty-six month service period under the thirty-six month Term Payment Plan is renewed for twenty-four months with no changes at the end of the thirty-six month period. The sum of months for the completed and proposed service periods would equal sixty months^{1, 2} and would be billed under the sixty month Term Payment Plan. Another example is a month-to-month customer, in service for fifteen months, who wishes to convert to a sixty month CSPP arrangement with no changes. The combined service period of the month-to-month arrangement and the CSPP arrangement is equal to seventy-five months, which would be billed under the eighty-four month^{1, 2} Term Payment Plan.

8. Transfer of Service

- a. Service may be transferred to a new customer at the same location upon prior written concurrence by the new customer as specified in this Tariff. This does not constitute a disconnect of service or a discontinuance of an existing CSPP arrangement. The new customer will be subject to all provisions and equipment configurations currently in effect for the previous customer. Regulations concerning transfer of service between subscribers as stated in other sections of this Tariff also apply under CSPP.
 - Note 1: Effective December 25, 2013, Customers may not establish new term plans greater than 36 months for Derived Data Channel service and term plans may not be renewed for a term greater than 36 months. Effective December 25, 2013, Customers may not establish new term plans greater than 36 months for BellSouth SPA CNM FlexServ Service and term plans may not be renewed for a term greater than 36 months. Effective December 25, 2013, Customers may not establish new term plan greater than 36 months for High Capacity Service and term plans may not be renewed for a term greater than 36 months. Effective December 25, 2013, Customers may not establish new term plan greater than 36 months for
 - **Note 2:** Effective March 24, 2019, Customers may not convert or renew for Derived Data Channel service, BellSouth SPA CNM FlexServ Service, Digital Data Access Service, and High Capacity Service.

Digital Data service and term plans may not be renewed for a term greater than 36 months.

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

E5.2 Access Order (Cont'd)

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

- **B.** (Cont'd)
 - 4. (Cont'd)
 - d. When a customer cancels an access order, or part of an access order, before the service date, the Company will apply cancellation charges to the order. Cancellation charges are calculated by multiplying all the nonrecurring charges associated with the order, or that part of the order being cancelled, by the percentage shown in e. following for the critical date last completed on the order¹.
 - e. Cancellation Charge Percentages

Type Service/ Critical Dates	After: Before:	APP SID	SID LAM	LAM EIRD	EIRD DLRD	DLRD RID	RID DVA
SPECIAL ACCESS (a.k.a BellSouth SPA)							
WATS (a.k.a. BellSouth SPA)		1.6%	5.9%	9.4%	12.6%	16.0%	22.3%
Voice Grade (a.k.a. BellSouth SPA DSO VG)		1.6%	5.9%	9.4%	12.6%	16.0%	22.3%
High Capacity (a.k.a. BellSouth SPA High Capacity	city)	7.9%	17.8%	19.9%	23.3%	28.1%	34.9%
Digital Data Access (a.k.a. BellSouth SPA DSO	Digital Data)	1.6%	5.9%	9.4%	11.1%	21.8%	23.8%
BellSouth Metro Ethernet service		11.6%	33.1%	42.9%	44.8%	47.3%	53.1%

Type Service/						
Critical	After:	DVA	WOT	FCD	PTD	DD
Dates	Before:	WOT	FCD	PTD	DD	
SPECIAL ACCESS (a.k.a BellSouth SPA)						
WATS (a.k.a. BellSouth SPA)		35.9%	45.4%	58.1%	84.7%	100.0%
Voice Grade (a.k.a. BellSouth SPA DSO VG)		35.9%	45.4%	58.1%	84.7%	100.0%

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

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

E5.2 Access Order (Cont'd)

E5.2.5 Selection Of Facilities For Access Orders

- A. When a customer places an Access Order, the customer may choose to utilize facilities it previously purchased.
 - If the customer has a high capacity interface, or has purchased a facility, the customer must request that specific channels be used to implement the Access Order. If a facility assignment is not provided by the customer, the Company will provide the service from available inventory as discussed in Section E5.3 of this Guidebook.
- **B.** For all other Access Orders, the option to request a specific transmission path or channel is not provided, except as provided for under Special Facilities Routing as set forth in Section E11 of this Guidebook.

E5.2.6 Minimum Period

- **A.** Except as set forth in Section E2.4.2 of this Guidebook and Section E5.2.6.B., D., F., the minimum period for which charges are applicable for access service is one month.
- B. The minimum period for part-time Television service is one day even though the service will be provided only for the duration of the event specified on the order (e.g. one-half hour, two hours, five hours, etc.)
- C. Service Rearrangements¹ and Transfer of Service as set forth in Section E7, Special Access (a.k.a. BellSouth SPA), respectively, may be made without a change in minimum period requirements.
- D. The minimum service period for BellSouth Wavelength service, BellSouth Dedicated Ring, BellSouth Metro Ethernet service¹ and SMARTRing service (a.k.a. BellSouth Dedicated Ring) is 4 months.
- E. Changes other than those identified in Section E7¹ of this Guidebook will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service. A new minimum period will be established for the new service. The customer will also remain responsible for all outstanding minimum period obligations associated with the disconnected service.

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

1. **DELETE**

- 2. A change in type of service (i.e., BellSouth SWA to Special Access (a.k.a. BellSouth SPA), one type of Special Access (a.k.a. BellSouth SPA) to another, one type of BellSouth SWA Basic Serving Arrangement / BellSouth SWA Basic Serving Arrangement Technical Option to another except as set forth in Section 6.7 of Tariff FCC No. 1).
- 3. A change in the type of BellSouth Special Access (a.k.a. BellSouth SPA) service local channel or Optical Transport Access Service Wavelength Channel.
- 4. **DELETE**
- 5. DELETE
- 6. Change from two-point to multipoint Special Access (a.k.a. BellSouth SPA) service or from multipoint to two-point Special Access (a.k.a. BellSouth SPA) service.
- F. The minimum service period for BellSouth Remote Access Service is twelve months.
- G. A customer may request disconnect of an access service at any time after the service has been established. The customer must give the Company at least one business day written or verbal notice prior to the desired disconnect date. The one business day notice period will begin on the date the Company first receives the disconnect notification, either written or verbal. The verbal notice must be followed by written confirmation within ten days.
- **H.** When Access Service is disconnected prior to the expiration of the minimum period, the customer is obligated for payment of the minimum period charge as set forth in Sections E2.4.9 and in E5.2.7. When Access Service is disconnected after the expiration of the minimum period, billing for the service will be performed in accordance with the provisions set forth in E2.4.1.C of this Guidebook.
 - Note 1: Specific regulations for BellSouth Metro Ethernet service minimum period, service arrangements (reconfigurations) and changes are provided in Section E7.4.32 of this Guidebook.

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

E5.2 Access Order (Cont'd)

E5.2.7 Minimum Period Charges

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

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

- 1. **DELETE**
- 2. **DELETE**
- 3. For Special Access (a.k.a BellSouth SPA) service, the charge for a month or fraction thereof is the applicable monthly rate for the service as set forth in Section E7.

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- B. All applicable nonrecurring charges for the service will be billed in addition to the Minimum Period Charge.
- C. Should billing for a service which is disconnected prior to the expiration of the minimum period cover multiple billing cycles, the bill reflecting the disconnect of service will be adjusted to account for that portion of the Minimum Period Charge previously billed to the customer. In no event shall the total recurring charge billed to the customer for such service exceed the applicable Minimum Period Charge.

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

E5.2.8 Shared Use Facilities

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

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

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

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

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

E7.1 General

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

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

E7.1.1 Channel Types

- A. There are different types of channels used to provide Special Access (a.k.a. BellSouth SPA) services. Each type has its own characteristics. All are subdivided by one or more of the following:
 - Transmission specifications
 - Bandwidth
 - Speed (i.e., bit rate)
 - Spectrum

2.

- 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.
- D. Following is a brief description of each type of channel:

bandwidth of 300-3000 Hz.

1. **(DELETED)** (D)

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- 3. Voice Grade (a.k.a. BellSouth SPA DS0 VG) a channel for the transmission of analog signals within an approximate
- WATS Access Line (a.k.a. BellSouth SPA WATS Line) (WAL) a channel from a customer designated premises to a WATS serving office for 800, WATS or similar service.
- 5. (DELETED)
- 6. **(DELETED)**

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- 7. Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data)- a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6 or 56.0 kbps.
- 8. High Capacity (a.k.a. BellSouth SPA High Capacity) a channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312 or 44.736 Mbps.
- 9. Derived Data Channel (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 Centrex Type Services switches and Company Answering Service Concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.
 - Note 2: For purposes of administering the surcharge regulations, WATS (a.k.a. BellSouth SPA WATS Line) access lines are considered to be Special Access (a.k.a. BellSouth SPA) service.

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 service provided under this Tariff as Special Access (a.k.a. BellSouth SPA) service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report.

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

E7.1.7 Acceptance Testing

- A. At no additional charge, the Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters:
 - For Voice Grade (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 of service. Additionally, for Voice Grade (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, WATS Access Line (a.k.a. BellSouth SPA WATS Line), digital services (i.e., Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data), WATS Access Line (a.k.a. BellSouth SPA WATS Line) and High Capacity (a.k.a. BellSouth SPA High Capacity)), acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.
- B. In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade (a.k.a. BellSouth SPA DS0 VG) service to test other parameters, as described in E13.3.5.B. following, is available at the customer's request. All test results will be made available to the customer upon request.

E7.1.8 Ordering Options and Conditions

- A. 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 Data Charge Charges, Cancellation Charges, etc.)
- C. For the purposes of ordering, there are different categories of Special Access (a.k.a. BellSouth SPA) service. These are:
 - 1. **(DELETED)**

(D) (D)

- 2. (DELETED)
- 3. Voice Grade (a.k.a. BellSouth SPA DS0 VG) (VG)

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

E7.1 General (Cont'd)

E7.1.8 Ordering Options And Conditions (Cont'd)

- C. For the purposes of ordering, there are ten categories of Special Access (a.k.a. BellSouth SPA) service. These are: (Cont'd)
 - 4. **(DELETED)**

(D)

- 5. Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service (DDAS)
- 6. High Capacity (a.k.a. BellSouth SPA High Capacity) (HC)
- 7. WATS Access Line (a.k.a. BellSouth SPA WATS Line) (WAL)
- 8. Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) service
- 9. Self-Healing Rings (SMARTRing 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, 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 grade 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.
- 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 after the effective date of this Tariff will conform to the transmission specification standards contained in this Tariff or in the following Technical References for each category of service:

(D) (D)

Voice Grade (a.k.a. BellSouth SPA DSO VG)

TR-NPL-000335 PUB 41004, Table 4

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

E7.1 General (Cont'd)

E7.1.8 Ordering Options And Conditions (Cont'd)

I. (Cont'd)

Digital Data Access (.a.k.a. BellSouth DSO Digital Data)

TR-NPL-000341

For 2.4, 4.8, 9.6 and 56.0

BellCore PUB 62310

Kbps

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) TR-NPL-000342 PUB 62411

WATS Access Line (a.k.a. BellSouth SPA WATS Line)
TR-NPL-000334
Derived Data Channel service (a.k.a. BellSouth Derived Data Channel)
BellSouth TR-73548

BellSouth TR-73548, Addendum 1

E7.2 Service Descriptions

E7.2.1 Reserved for Future Use

(T)

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

E7.2 Service Descriptions (Cont'd)

E7.2.2 Reserved for Future Use

(T)

(D)

E7.2.3 Voice Grade (a.k.a. BellSouth SPA DS0 VG) Service

A. Basic Channel Description

A Voice Grade (a.k.a. BellSouth SPA DS0 VG) channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice Grade (a.k.a. BellSouth SPA DS0 VG) channels are provided between customer designated premises or between a customer designated premises and a Company Hub.

Voice Grade (a.k.a. BellSouth SPA DS0 VG) Channels are classified as Voice Grade/Voice or Voice Grade/Data depending on the suitability of the technical specification package requested by the customer. Voice Grade (a.k.a. BellSouth SPA DS0 VG) Technical Specification Packages 1, 2, 3, 4, 5, 7, 8, 9, 11 and 12 are suitable for Voice Grade/Voice. The Technical Specification Packages 6 and 10 are suitable for Voice Grade/Data Service.

Package VG-

B. Technical Specifications Packages

							- meninge , o					
Parameter	1	2	3	4	5	6	7	8	9	10	11	12
Attenuation Distortion	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X

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

E7.2 Service Descriptions (Cont'd)

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

- F. WATS Access Line (WAL) (a.k.a. BellSouth SPA WATS Line) service (Cont'd)
 - 4. Optional Features and Functions (Cont'd)
 - d. One-way or Two-way Capability

E7.2.4 Reserved for Future Use

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

E7.2 Service Descriptions (Cont'd)

E7.2.5 Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) Service

A. Basic Channel Description

A Digital Data (a.k.a. BellSouth SPA DS0 Digital Data) channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 Kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Company through the Company's facilities to the customer in the received bit stream. Digital Data (a.k.a. BellSouth SPA DS0 Digital Data) channels are only available via Company designated Digital Data (a.k.a. BellSouth SPA DS0 Digital Data) Hubs and are provided between customer designated premises or between a customer designated premises and a Company Digital Data (a.k.a. BellSouth SPA DS0 Digital Data) Hub.

A Hub termination charge applies per Digital Local Channel. This rate element covers the Hub functions (e.g., timing, testing) for the service.

Secondary Channel Capability (SCC) is a derived companion digital transmission path that is independent of the primary data path and operates at a substantially lower bit rate. This derived channel allows the customer to perform network management functions during the normal operation of the network. This diagnostics channel utilizes a portion of a customer's previously unavailable data bit stream allowing for the ability to remotely control and test the network and peripheral devices without taking the network out of service. Special customer equipment is necessary to utilize the benefits of the Secondary Channel. Customers not wishing to utilize this capability will not be impacted. Due to transmission equipment restrictions, Secondary Channel cannot be provided on 56.0 Kbps circuits that require the installation of loop repeater equipment for provision of service. Secondary Channel Capability, also, cannot be provided on 64.0 Kbps circuits, since all of the available bit stream will be used by the customer.

The customer will provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital Data (a.k.a. BellSouth SPA DS0 Digital Data) channel at the customer premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

B. Technical Specifications Packages

	Package DA-								
Parameter	1	2	3	4	5	6			
Error-Free Seconds	X	X	X	X	X	X			

The Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875 percent error-free seconds1 while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Note 1: This channel performance does not apply when the Data Over Voice Channel option is used.

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)

- D. Optional Features and Functions (Cont'd)
 - 3. Channelization
 - a. DS3 to DS1

An arrangement that channelizes a 44.736 Mbps channel to 28 DS1 channels.

b. DS2 to DS1

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

c. DS1C to DS1

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

d. DS1 Basic Channelization System

An arrangement that channelizes a 1.544 Mbps channel to a maximum of twenty-four 64.0 Kbps channels that may be used to activate both analog and digital services, e.g., voice grade and digital data access service. A DS1 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity.

e. DS0 Basic Channelization System

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

4. 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 Customer Channel Interface

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

d. Subrate Level Central Office Channel Interface

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.

5. BellSouth SPA CNM - FlexServ service

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

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

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

Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service and Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) service are offered under two contract plans. Contract plan rates are available in payment periods from twenty-four to forty-two months and in payment periods from forty-three to sixty months^{1, 2} 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 customer requests for moves of service under CSPP subject to the provisions set forth in E2.4.9.A.11. preceding. However, a Termination Liability Charge is applicable at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the contract plan except as specified in b. following. The Termination Liability Charge is 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 20 percent for contracts that have been in effect longer than twelve months.* An example is provided in a. following.

a. A customer subscribes to Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service using the twenty-four to forty-two month^{1, 2} 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 that amount* calculated as follows:

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

Note 1: Effective December 25, 2013, Customers may not establish new term plans greater than 36 months for Derived Data Channel service and term plans may not be renewed for a term greater than 36 months. Effective December 25, 2013, Customers may not establish new term plans greater than 36 months for BellSouth SPA CNM - FlexServ Service and term plans may not be renewed for a term greater than 36 months.

Effective December 25, 2013, Customers may not establish new term plan greater than 36 months for High Capacity Service and term plans may not be renewed for a term greater than 36 months. Effective December 25, 2013, Customers may not establish new term plan greater than 36 months for Digital Data service and term plans may not be renewed for a term greater than 36 months.

Note 2: Effective March 24, 2019, Customers may not establish, CSPPs for Derived Data Channel Service, BellSouth SPA CNM - FlexServ Service, and Digital Data Access Service, and CSPPs may not be converted or renewed for Derived Data Channel Service, BellSouth SPA CNM - FlexServ Service, Digital Data Access Service, and High Capacity Service.

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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)

MS-19-0011

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

Contract rates are available for 1.544 Mbps High Capacity (a.k.a. BellSouth SPA High Capacity) service under variable rate periods, with rates based on lengths of thirty-six months¹, sixty months, or eighty-four months 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 Termination Liability Charge is dependent on the contract period subscribed to, and will be equal to the number of months remaining in the contract period times the monthly rate provided under contract, multiplied by a factor. The factor is fifty percent (50%) for contracts that have been in effect twelve months or less, or 20 percent for contracts that have been in effect longer than twelve months. 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.11. preceding.

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

2. Nonrecurring Charges

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

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

High Capacity Service.

Note 1: Effective March 24, 2019, Customers may not establish CSPPs for Derived Data Channel Service, BellSouth SPA CNM - FlexServ Service, and Digital Data Access Service, and CSPPs may not be converted or renewed for Derived Data Channel service, BellSouth SPA CNM - FlexServ Service, Digital Data Access Service, and

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EFFECTIVE: March 24, 2019

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

E7.4 Rate Regulations (Cont'd)

E7.4.6 Mileage Measurement (Cont'd)

- C. When Hubs are involved, mileage rates are computed and rates applied separately for each section of the Interoffice Channel, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a hub for purposes other than customer specified bridging or channelization (e.g., the Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises. For the purpose of applying multipoint charges, the bridging or hubbing locations are determined by that combination of airline distances connecting the serving wire center which will produce the lowest interoffice mileage charges.
- D. SMARTRing® service (a.k.a. BellSouth Dedicated Ring) Local Channel, Alternate Central Office Channel and Internodal Channel rates are also distance sensitive. They are measured per quarter airline mile or fraction thereof from the customer's designated premises to the Serving Wire Center, Alternate Central Office, or other Customer Nodes. V&H coordinates are derived for each customer location through the use of longitude and latitude measurements. Using the V&H coordinate method as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF FCC. No. 4, compute the mileage, convert to quarter miles, and multiply the appropriate per quarter mile rate by the distance involved. Any portion of a quarter mile will always round up to the next quarter mile before determining the mileage and applying the rate.
- E. The SMARTRing® service (a.k.a. BellSouth Dedicated Ring) Interoffice Channel mileage is calculated per quarter airline mile between two directly connected central office's on the ring. Interoffice Channel mileage is computed by using the V&H coordinates method as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF FCC. No. 4. To determine the rate to be billed, multiply the appropriate per quarter mile rate by the distance involved. Fractions of a quarter mile always round up to the next quarter mile before determining the mileage and applying the rate.

E7.4.7 Facility Hubs

A customer has the option of ordering voice grade (a.k.a. BellSouth SPA DS0 VG) or digital high capacity (a.k.a. BellSouth SPA High Capacity) facilities (i.e., DS1, DS1C, DS2 or DS3) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Voice (a.k.a. BellSouth SPA DS0 VG), 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 sevice provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is channelized to voice frequency channels, the transmission performance of the channelized services will be Voice Grade (a.k.a. BellSouth SPA DS0 VG), not High Capacity (a.k.a. BellSouth SPA High Capacity)

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

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

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

E7.4 Rate Regulations (Cont'd)

E7.4.7 Facility Hubs

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

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

Shared use occurs when Special Access (a.k.a. BellSouth SPA) service and BellSouth SWA service are provided over the same High Capacity (a.k.a. BellSouth SPA High Capacity) facility through a common interface. When the customer orders Special Access (a.k.a. BellSouth SPA) service, the facility will be rated as Special Access (a.k.a. BellSouth SPA) service (i.e., Local Channel, or Virtual Collocation Cross-Connect Interoffice Channel as appropriate, and Basic Channelization System, if applicable) until such time as the customer chooses to use a portion of the available capacity for providing BellSouth SWA service. As each individual channel is activated for BellSouth SWA service the Special Access (a.k.a. BellSouth SPA) Local Channel rates, and Interoffice Channel rates will be reduced accordingly (e.g., 1/24th for a DS1 service, etc.). The customer must place an order for each individual BellSouth SWA service Channel utilizing the Shared Use Facilities and specify the channel assignment for each such service. BellSouth SWA service rates and charges as set forth in E6.8 will apply for each channel of the shared use facility that is used to provide BellSouth SWA service. Where Special Access (a.k.a. BellSouth SPA) service is provided utilizing a channel of the shared use facility to the hub, High Capacity (a.k.a. BellSouth SPA High Capacity) rates and charges will apply for the facility to the hub as set forth preceding and individual service rates and charges will apply from the hub to the customer designated premises. The rates and charges that will apply to the portion from the hub to the customer designated premises will be dependent on the specific type of Special Access (a.k.a. BellSouth SPA) service that is provided (e.g., Voice Grade (a.k.a. BellSouth SPA DS0 VG), etc.). The applicable rates and charges will include a Local Channel and Interoffice Channel, and appropriate channelization elements, if applicable.

Access Collocation Cross-Connects provide a means for customers to interconnect their BellSouth Shared Use and Digital High Capacity (a.k.a. BellSouth SPA High Capacity) services 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.

The capability exists for a customer to utilize all or part of a SMARTRing service (a.k.a. BellSouth Dedicated Ring) to transport switched access provided the SMARTRing service (a.k.a. BellSouth Dedicated Ring) channel interface transporting the BellSouth SWA service does not have *BellSouth SPA CNM* - FlexServ service capability. The customer must place an order for each individual BellSouth SWA Channel provided over Dedicated Access service Shared Use Facilities and specify the channel assignment for each such service. The switched traffic would enter and exit the SMARTRing service (a.k.a. BellSouth Dedicated Ring) at Customer and Central Office Nodes on that network. When this occurs, ratcheting of Dedicated Access rate elements (i.e. Nodes, Channel Interfaces, Local Channels, Alternate Central Office Channels, Internodal Channels, or Interoffice Channels) will be based on the number of voice grade (a.k.a. BellSouth SPA DS0 VG) equivalent trunks/lines of that rate element used for BellSouth SWA access.

Reduction factors will be developed to reduce the charges on system level billing as well as the billing on individual DS1, DS3, STS-1, OC-3, and/or OC-12 Channel Interfaces. For ratcheting purposes, the system level charges include Customer Nodes, Central Office Nodes, Local Channels, Alternate Central Office Channels, Internodal Channels, and Interoffice Channels as appropriate to make up a customer's SMARTRing service (a.k.a. BellSouth Dedicated Ring). Individual OC-1, OC-3 and OC-12 Channel Interfaces used in Overlay Ring Arrangements will be ratcheted as system level charges. The system reduction factor will apply to the system level charges.

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

E7.5 Rates And Charges

E7.5.1 Reserved for Future Use

(T)

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

E7.5 Rates And Charges (Cont'd)

E7.5.1 Reserved for Future Use

E7.5.2 Reserved for Future Use

(D)

(D) (T)

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

(T)

(D)

(T)

E7.5 Rates And Charges (Cont'd)

E7.5.3 Reserved for Future Use

E7.5.4 Reserved for Future Use

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE E7.5 Rates And Charges (Cont'd)

(I

D)

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

E7.5 Rates and Charges

E7.5.5 Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service

- A. Local Channel
 - 1. Per Point of Termination

			Nonrecurrin	g Charge	Month to	24 to 42	43 to 60		
			First	Add'l	Month	Months ^{1, 2}	Months ^{1, 2}	USOC	(N)
	(a)	2.4 Kbps	\$420.00	\$138.00	\$55.00	\$49.00	\$47.00	T6ECS	
	(b)	4.8 Kbps	420.00	138.00	55.00	49.00	47.00	T6ECS	
	(c)	9.6 Kbps	420.00	138.00	55.00	49.00	47.00	T6ECS	
	(d)	19.2 Kbps	420.00	138.00	55.00	49.00	47.00	T6ECS	
	(e)	56.0 Kbps	420.00	138.00	75.00	65.00	60.00	T6ECS	
	(f)	64.0 Kbps	420.00	138.00	75.00	65.00	60.00	T6ECS	
2.	Hub Terminatio	n, per Local Channel							
	(a)	2.4 Kbps	60.00	51.00	10.00	9.75	9.50	TUTA4	
	(b)	4.8 Kbps	60.00	51.00	10.00	9.75	9.50	TUTB4	
	(c)	9.6 Kbps	60.00	51.00	10.00	9.75	9.50	TUTC4	
	(d)	19.2 Kbps	60.00	51.00	10.00	9.75	9.50	TUTE4	
	(e)	56.0 Kbps	60.00	51.00	30.00	28.00	26.00	TUTD4	
	(f)	64.0 Kbps	60.00	51.00	30.00	28.00	26.00	TUTF4	

- **B.** Interoffice Channel
 - 1. 2.4 Kbps

Mileage Bands

2.	(a) (b) (c) (d) 4.8 Kbps	0 mile 1 thru 8 miles 9 thru 25 miles Over 25 miles	Fixed Monthly Charge \$- 20.00 20.00	Monthly Charge Per Mile \$- 2.05 2.00 1.95	Nonrecurring Charge \$- 68.00 68.00 68.00	USOC 1L5XX 1L5XX 1L5XX 1L5XX
	Mileage Band	c				
	· ·					41 53737
	(a)	0 mile	-	-	-	1L5XX
	(b)	1 thru 8 miles	20.00	2.05	68.00	1L5XX
	(c)	9 thru 25 miles	20.00	2.00	68.00	1L5XX
	(d)	Over 25 miles	20.00	1.95	68.00	1L5XX
3.	9.6 Kbps					
	Mileage Band	s				
	(a)	0 mile	-	-	-	1L5XX
	(b)	1 thru 8 miles	20.00	2.05	68.00	1L5XX
	(c)	9 thru 25 miles	20.00	2.00	68.00	1L5XX
	(d)	Over 25 miles	20.00	1.95	68.00	1L5XX

Note 1: Effective December 25, 2013, customers may not establish new term plans greater than 36 months for Digital Data Access and term plans may not be renewed or extended for a term greater than 36 months.

Note 2: Effective March 24, 2019, Customers may not establish CSPPs for Digital Data Access Service, and CSPPs may not be converted or renewed for Digital Data Access Service.

(N) (N)

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

E7.5 Rates and Charges (Cont'd)

E7.5.5 Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) Service (Cont'd)

- B. Interoffice Channel (Cont'd)
 - 5. 56 Kbps (Cont'd)

				Monthly	Char	ge Nonre	curring		
				Charge	Per M	lile (Charge	USOC	
	(c)	9 thru 25 miles		\$40.00	\$4.	.00	\$68.00	1L5XX	
	(d)	Over 25 miles		40.00	3.	.90	68.00	1L5XX	
6.	64 Kbps								
	Mileage Band	ls							
	(a)	0 miles		-		-	-	1L5XX	
	(b)	1 thru 8 miles		40.00	4.	.10	68.00	1L5XX	
	(c)	9 thru 25 miles		40.00	4.	.00	68.00	1L5XX	
	(d)	Over 25 miles		40.00	3.	.90	68.00	1L5XX	
7.	2.4, 4.8, 9.6 or	19.2 Kbps (Contract Rates)							
	Mileage Band	ls							
				Fixe	ed	Per	Mile		
			Nonrecurring	24 to	43 to	24 to	43 to		
			Charge	42^{1}	60^{1}	42^{1}	60^{1}		(N)
			Per Channel	Months	Months	Months	Months	USOC	
	(a)	0 miles	\$-	\$-	\$ -	\$-	\$-	1L5XX	
	(b)	1 thru 8 miles	68.00	19.95	19.85	1.90	1.75	1L5XX	
	(c)	9 thru 25 miles	68.00	19.95	19.85	1.85	1.70	1L5XX	
	(d)	Over 25 miles	68.00	19.95	19.85	1.80	1.65	1L5XX	
8.	56.0 or 64.0 K	bps (Contract Rates)							
	Mileage Band	ls							
	(a)	0 miles	-	-	-	-	-	1L5XX	
	(b)	1 thru 8 miles	68.00	36.00	34.00	3.80	3.50	1L5XX	
	(c)	9 thru 25 miles	68.00	36.00	34.00	3.70	3.40	1L5XX	
	(d)	Over 25 miles	68.00	36.00	34.00	3.60	3.30	1L5XX	

Fixed

Monthly

(N) (N)

Note 1: Effective March 24, 2019, Customers may not establish CSPPs for Digital Data Access Service, and CSPPs may not be converted or renewed for Digital Data Access Service.

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

E7.5 Rates And Charges (Cont'd)

E7.5.5 Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) Service (Cont'd)

- C. Optional Features and Functions
 - 1. Bridging^{1,2}

2.	(a) Per port (2.4, 4.8, 9.6, 19.2, 56.0 Kbps) Digital Data Secondary Channel Capability, per Local Channel ^{1,2}	Nonrecurring Charge \$27.00	Month to Month \$25.00	24 to 42 ⁶ Months \$24.00	43 to 60 ⁶ Months \$22.00	USOC BCNDA	(N)
		Nonrecurring Charge Initial Subseque	Montl to nt Montl	426	43 to 60 ⁶ Months	USOC	(N)
_	(a) Each	\$- \$160. 0	00 \$15.00	\$14.00	\$13.00	SFS	

- 3. (DELETED)
- 4. (DELETED)
- 5. (DELETED)
- 6. Speed Change Charge, per Local Channel⁵

		Nom ecui ing Charge	
		First Additional	USOC
(a)	Each	\$330.00 \$170.00	SCH

- **Note 1:** This option is not available with 64.0 Kbps.
- Note 2: Not available at all service locations.
- **Note 5:** Speed Change Charge is applicable where circuit out of service time during speed change activity is acceptable to customer.
- Note 6: Effective March 24, 2019, Customers may not establish CSPPs for Digital Data Access Service, and CSPPs may not be converted or renewed for Digital Data Access Service. (N)

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

- A. Local Channel
 - 1. Monthly Rates Per Point of Termination

	Monthly Rate							
		Rate	Rate	Rate	Nonrecu	rring Charge)	
		Zone 1	Zone 2	Zone 3	First	Additional	USOC	
(a)	1.544 Mbps ¹	\$127.00	\$127.00	\$127.00	\$705.00	\$315.00	TMECS	
(b)	3.152 Mbps^2	-	-	-	-	-	TWT++	
(c)	6.312 Mbps^2	-	-	-	-	-	TWT++	
(d)	44.736 Mbps^2	-	-	-	-	-	TWT++	

2. Contract Rates Per Point Of Termination^{1, 3}

	Monthly Rate							
		24-48	49-72	73-96	Nonrecu	rring Charge		
		Months ⁴	Months ^{4, 5}	Months ^{4, 5}	First	Additional	USOC	
(a)	(Obsoleted, See Section 107)							
(b)	1.544 Mbps – Zone 1	\$120.00	\$118.00	116.00	\$705.00	\$315.00	TMECS	
(c)	(Obsoleted, See Section E107)							
(d)	1.544 Mbps – Zone 2	120.00	118.00	116.00	705.00	315.00	TMECS	
(e)	(Obsoleted, See Section E107)							
(f)	1.544 Mbps – Zone 3	120.00	118.00	116.00	705.00	315.00	TMECS	

(N)

Note 1: New rates become effective with billing cycles beginning on or after December 14, 2001.

Note 2: ICB rates and charges apply.

Note 3: Contract lengths are flexible to allow customer choice of payment period per E2.4.9.

Note 4: Effective December 25, 2013, Customers may not establish new term plan greater than 36 months for High Capacity Service and term plans may not be renewed for a term greater than 36 months.

Note 5: Effective March 24, 2019, Customers may not convert or renew CSPPs for High Capacity Service.

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)

- B. Interoffice Channel
 - 1. 1.544 Mbps (Monthly Rates) ¹

Mileage Bands

				Fixed Monthly		Monthly Rate					
					Rate			Per Mile		Nonrecurring	
				Rate	Rate	Rate	Rate	Rate	Rate	Charge	
				Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3	Per Channel	USOC
(:	a)	0 mile		\$-	\$-	\$-	\$-	\$-	\$-	\$-	1L5XX
(1	b)	1 thru 8 miles	:	80.00	80.00	80.00	23.00	23.00	23.00	210.00	1L5XX
(c)	9 thru 25 miles	9	90.00	90.00	90.00	23.00	23.00	23.00	210.00	1L5XX
(d)	Over 25 miles	!	90.00	90.00	90.00	23.00	23.00	23.00	210.00	1L5XX

- 2. 1.544 Mbps^{1, 2}
 - a. Contract Rates

Mileage Bands

(1) Nonrecurring Charge (Per Channel)

		Nonrecurring	
		Charge	USOC
(a)	0 mile	\$-	NA
(b)	1 mile and over	210.00	1L5XX

Mileage Bands

(2) Recurring Rate - 0 mile

					Fixed	24 to	49 to	73 to	
			Nonre	ecurring	Monthly	48	72	96	
			Charge	Charge	e Month	ns ^{3, 4} Moi	nths ^{3, 4}	Months ^{3, 4}	USOC
	(a)	Rate Zone 1, Per Mile		\$ -	\$-	\$-	\$-	\$-	1L5XX
	(b)	Rate Zone 2, Per Mile		-	-	-	-	-	1L5XX
	(c)	Rate Zone 3, Per Mile		-	-	-	-	-	1L5XX
(3)	Recu	rring Rate - 1 thru 8 miles							
	(a)	Rate Zone 1, Per Mile		-	80.00	20.00	18.00	15.00	1L5XX
	(b)	Rate Zone 2, Per Mile		-	80.00	20.00	18.00	15.00	1L5XX
	(c)	Rate Zone 3, Per Mile		-	80.00	20.00	18.00	15.00	1L5XX
(4)	Recu	rring Rate - 9 thru 25 miles							
	(a)	Rate Zone 1, Per Mile		-	90.00	20.00	18.00	15.00	1L5XX
	(b)	Rate Zone 2, Per Mile		-	90.00	20.00	18.00	15.00	1L5XX
	(c)	Rate Zone 3, Per Mile		-	90.00	20.00	18.00	15.00	1L5XX
(5)	Recu	rring Rate - over 25 miles							
	(a)	Rate Zone 1, Per Mile		-	90.00	20.00	18.00	15.00	1L5XX
	(b)	Rate Zone 2, Per Mile		-	90.00	20.00	18.00	15.00	1L5XX
	(c)	Rate Zone 3, Per Mile		-	90.00	20.00	18.00	15.00	1L5XX

- **Note 1**: New rates become effective with billing cycles beginning on or after December 14, 2001.
- **Note 2:** Contract lengths are flexible to allow customer choice of payment period per E2.4.9.
- **Note 3:** Effective December 25, 2013, Customers may not establish new term plan greater than 36 months for High Capacity Service and term plans may not be renewed for a term greater than 36 months.
- Note 4: Effective March 24, 2019, Customers may not convert or renew CSPPs for High Capacity Service.

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

Month

to

E7.5 Rates And Charges (Cont'd)

E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)

- C. Optional Features and Functions (Cont'd)
 - 2. Channel Interfaces (Per Interface)
 - a. Sub-DS3 Interfaces
 - (1) DS1 Level Central Office Channel Interface¹

	(a) Asynchronous(b) Synchronous(2) DS1 Level Customer Channel Inte	Month \$12.00 36.00 rface ¹	Months ² \$8.00 31.00	Months ² \$7.00 28.00	Months ² \$6.00 25.00	Charge \$155.00 135.00	USOC 1D3CA 1D3CS	(N)
b.	(a) Asynchronous (b) Synchronous Sub-DS1	17.00 45.00	13.00 36.00	13.00 33.00	13.00 30.00	295.00 245.00	1D3DA 1D3DS	
	(1) VG/DS0 Level Central Office Cha	nnel Interface						
	(a) BellSouth SWA (b) Reserved for Future Use		Monthly Rate \$0.00			rring Charge Additional \$0.00	USOC 1D1SW	(D)
	(c) Reserved for Future Use (d) Voice Grade (a.k.a. BellSouth SPA DSO VG) ¹		7.75		7.00	6.00	1D1VG	(D)
	(e) WATS Access Line (a.k.a. BellSouth SPA WATS Line) ¹ (f) Reserved for Future Use (g) Reserved for Future Use		7.75		7.00	6.00	1D1WT	(D) (D)
	(h) DDAS (a.k.a. BellSouth SPA DSO Digital Data)		13.00		7.00	6.00	1D1DD	(2)
c.	Sub-DS0 Interface	C						
	(1) Subrate Central Office Channel Int (a) Subrate (2.4, 4.8, & 9.6 Kbps)	terrace	13.00		7.00	6.00	1DOSR	

24 to

48

49 to

72

73 to

96

Nonrecurring

Note 2: Effective March 24, 2019 Customers may not convert or renew CSPPs for High Capacity Service.

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

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

E7.5 Rates and Charges (Cont'd)

E7.5.14 (DELETED) (Cont'd)

E7.5.15 Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) Service

- A. Local Channel
 - 1. Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel)

			Month	24 to	43 to		
		Nonrecurring	to to	42	60		
		Charge M	onth Mo	onths ^{1, 2}	Months ^{1, 2}	USOC	(N)
(a)	Per channel at 2.4 Kbps	\$460.00	\$17.00	\$13.50	\$11.00	DAXPC	

- **Note 1:** Effective December 25, 2013, Customers may not establish new term plan greater than 36 months for Derived Data Channel service and term plans may not be renewed for a term greater than 36 months.
- Note 2: Effective March 24, 2019, Customers may not establish CSPPs for Derived Data Channel Service, and CSPPs may (N) not be converted or renewed for Derived Data Channel Service. (N)

EFFECTIVE: March 24, 2019

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