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Mr. Cayce Hinton
Director, Division of Industry Development & Market
Florida Public Service Commission
Tallahassee, Florida 32399-0805

Dear Mr. Hinton:

Attached for filing, please find the following revised pages for the Bellsouth Telecommunications service Tariff:

Access Services Tariff

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The purpose of this Access Tariff filing is to submit revisions effective November 1, 2025, High Capacity Service (a.k.a BellSouth SPA High Capacity), SMARTPath (a.k.a. BellSouth SPA Shared Ring), 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



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not supersede any prior grandfathering or discontinuance of these Services in specific wire centers. This action is taken pursuant to FCC Order *Accelerating Wireline Broadband Deployment by Removing Barriers to Infrastructure Investment*, DA-25-251 and AT&T's 214 application in Docket 25-254 and Docket 25-264.

Acknowledgement, date of receipt and authority number of this filing are requested. Your consideration and approval will be appreciated.

If you have additional questions, please contact me at (850) 228-0231.

Sincerely,

A handwritten signature in blue ink that reads "Madeline Warrington".

Manager – External Affairs

Attachment

E2. GENERAL REGULATIONS

E2.1 Undertaking of the Company (Cont'd)

E2.1.3 Liability (Cont'd)

- G.** No license under patents (other than the limited license to use) is granted by the Company or shall be implied or arise by estoppel, with respect to any service offered under this Tariff. The Company will defend the IC or End User against claims of patent infringement arising solely from the use by the IC or End User of services offered under this Tariff and will indemnify such IC or End User for any damages awarded based solely on such claims.
- H.** The Company's failure to provide or maintain services under this Tariff shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control, subject to the Credit Allowance for a Service Interruption as set forth in E2.4.4 following.
- I.** 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 payments 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.
- J. 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.
- K. 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.
- L. Errors or Damages Caused by System Date Limitations**
The Company's liability for errors or damage resulting from the inability of the Company's systems to process unusual date requirements shall be limited to an amount equal to the proportionate amount of the Company's billing for the period of service during which the errors or damages occur.
- M. Unauthorized Devices**
The Company shall not be 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

- A.** 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.
- B.** The Company may discontinue certain Company services in geographic areas for which the Company has no customers subscribing to those services.
- C.** The Company may grandfather or discontinue Company services in certain geographic areas at its discretion, subject to any applicable regulatory approvals. All services described in this Tariff will no longer be available for purchase by new or existing customers in certain geographic areas in Florida. 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>
- D.** Effective November 1, 2025, High Capacity Service (a.k.a BellSouth SPA High Capacity), SMARTPath (a.k.a. BellSouth SPA Shared Ring), 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.

(N)
|
(N)

E2. GENERAL REGULATIONS

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

E2.4.4 Credit Allowance for Service Interruptions (Cont'd)⁽¹⁾

(C)

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

1. (Cont'd)
 - c. For Dedicated Access channelized services, the monthly charge shall be the total of all the 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 (i.e., the local channel to the Hub and its associated channel interface, interoffice channel mileage and any optional features and functions, including the Basic Channelization System, and the local channels from the Hub and their associated Central Office Channel Interfaces, channel mileages and optional features and functions). When the service which rides a channel of the channelized facility is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service from the Hub to IC or End User premises (i.e., local channel, Central Office Channel Interface, channel mileage and optional features and functions).
 - d. For BellSouth SWA channelized services, the monthly charge shall be the total of all monthly rate element charges associated with that portion of 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).
 - e. For SMARTPath[®] service (a.k.a. BellSouth SPA Shared Ring), the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., SMARTPath[®] (a.k.a. BellSouth SPA Shared Ring) Area Connection and SMARTPath[®] (a.k.a. BellSouth SPA Shared Ring) Area Junction).
 - f. For and BellSouth Managed Shared Ring service, the monthly charge shall be the monthly charges associated with the service (e.g., Off-Net).
2. ***Reserved For Future Use***
3. For BellSouth SWA service and BellSouth Directory Assistance Access service, no credit shall be allowed for an outage of less than 24 hours. The IC or End User shall be credited for an outage of 24 hours or more at the rate of 1/30 of the monthly rates or the assumed minutes of use charge, whichever is applicable to the service involved, for each period of 24 hours or major fraction thereof that the outage continues. In the case of service billed based upon actual usage, no credit allowance is applicable.

Note 1: See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

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

E2.4.4 Credit Allowance for Service Interruptions (Cont'd)⁽¹⁾

(C)

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

4. The credit allowance(s) for an outage or for a series of outages shall not exceed the sum of the monthly rates or the assumed minutes of use charge for the service that is out of operation in any one monthly billing period.
5. For certain Dedicated Access services (Wideband Digital, WD1-4; Digital Data Access (a.k.a. BellSouth SPA DS0 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 outage.
6. Service outages for Specialized Service or Arrangements provided under the provisions of Section E12. following shall be administered in the same manner as those set forth in this Section unless other regulations are specified with the individual case filing.
7. For SMARTPath service (a.k.a. BellSouth SPA Shared Ring), a credit, in addition to the credit described in 1. preceding, failure by the Company to meet the performance guarantee described in E7.2.12.C.1. of this Tariff, will prompt a credit equal to 100 percent for affected SMARTPath service (a.k.a. BellSouth SPA Shared Ring) rate elements. A customer request for credit will not be required. The credit will be applied through normal administrative processes and the dollar amount will be reflected on the customer's bill. The credit will apply no more than once per calendar month. This credit is in addition to those provided in 1. preceding. The combined total of the credit allowance during a month for failure to meet the performance guarantee in E7.2.12.C.1. of this Tariff and the credit for service outage contained in 1. preceding shall not exceed the monthly rate for the service.
8. For the channels used with BellSouth Managed Shared Ring service, failure by the Company to meet the performance guarantee described in E7.5.1 of this Tariff will prompt the credit described in that Section. The combined total of the credit allowance during a month for failure to meet the performance guarantee for BellSouth Managed Shared Ring in Section 6.7.21 of Tariff FCC No. 1, as applicable, and the credit for service interruption contained in this section shall not exceed the monthly rate for the portion of the service affected.

C. When Credit Allowance Does Not Apply

No credit allowance will be made for:

1. Interruptions caused by the negligence of the IC, end user *or the IC's authorized agent*.
2. Interruptions of a service due to the failure of equipment or systems provided by the IC, end user or others.
3. Outages 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 IC or End User 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 IC or End User prior to the release of that service. Thereafter, a credit allowance as set forth in B. preceding applies.
5. Interruptions of a service which continue because of the failure of the IC or End User to authorize replacement of any element of special construction, as set forth in E14 following. The period for which no credit allowance is made begins on the seventh day after the IC or End User receives the Company's written notification of the need for such replacement and ends on the day after receipt by the Company of the IC's or End User's written authorization for such replacement.
6. Periods when the IC or End User elects not to release the service for testing and/or repair and continues to use it on an impaired basis.
7. An outage or a group of outages, resulting from a common cause, for amounts less than one dollar.
8. Interruptions of a service due to commercial power failure.
9. Interruptions of a service due to labor difficulties, governmental orders, civil commotions, criminal action against the Telephone Company, acts of God, war, or other circumstances beyond the Telephone Company's control.
10. **(DELETED)**

(1) See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

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

E2.4.9 Optional Payment Plan (Cont'd)⁽⁴⁾

(C)

A. Channel Services Payment Plan (Cont'd)

4. Disconnects (Cont'd)

- 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 service period, whichever is greater, and
 - the service period of the new CSPP arrangement for the higher order of service is a minimum 24 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 new higher order of service and disconnect the old service are related together and there is no lapse in service between installation of the higher order of service and disconnection of the existing service, and
 - the service orders are for the same customer at the same location

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

Analog Voice Grade (a.k.a. BellSouth SPA DS0 VG) Services
DS0 (a.k.a. BellSouth SPA DS0 Digital Data) Services
DS1 High Capacity (a.k.a. BellSouth SPA DS1) Service
SMARTPath[®] Service (a.k.a. BellSouth SPA Shared Ring)

5. Moves of Equipment

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

6. Requests for Changes in Length of Optional Payment Period

- a. Subsequent to the establishment of a contract with a CSPP period, and prior to the completion of that period, the existing payment period may be replaced by:
 - (1) A currently offered payment period at the current rates, with a length equal to or longer than the time remaining in the existing service agreement, subject to the following conditions:

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

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 (Cont'd)

- 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^{1, 2, 3}, for the same or larger system(s) and all associated rate elements at the same location(s), provided that the length of the new CSPP arrangement is a minimum 24 month¹ 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^{1, 2, 3} 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^{1, 2, 3}. For example, a CSPP arrangement for a 36-month service period under the 36 month Term Payment Plan is renewed for 24 months^{2, 3} with no changes at the end of the 36 month period. The sum of months for the completed and proposed service periods would equal 60 months² and would be billed under the 60 month^{2, 3} Term Payment Plan. Another example is a Month-to-Month customer, in service for 15 months, who wishes to convert to a 60-month^{2, 3} CSPP arrangement with no changes. The combined service period of the Month-to-Month arrangement and the CSPP arrangement is equal to 75 months^{2, 3}, which would be billed under the 84 month^{2, 3} 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.

9. Prepayment

- a. For payment periods longer than one month, the customer may prepay the total outstanding recurring monthly rates. The prepayment of monthly rates in no way constitutes a purchase and the Company retains full ownership of all services covered by the prepayment. The following conditions apply:
 - (1) Customers who prepay six months or more will have an allowance applied. The prepayment factor to be used for each month prepaid will be revised periodically by the Company.
 - (2) Monthly rates for all services covered by a single Letter of Election must be prepaid. Monthly rates must be prepaid for services added subsequently and placed on the same Letter of Election (i.e., customer-elected coterminous option) with a prepaid system.

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

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)

10. Disconnects (Cont'd)

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 Telephone 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
- DSO (a.k.a. BellSouth SPA DSO Digital Data) Services
- DS1 (a.k.a. BellSouth SPA DS1) Services
- SMARTPath service (a.k.a. BellSouth SPA DS1 Shared Ring)
- SMARTRing service (a.k.a. Bellsouth Dedicated Ring)/Channels for use with BellSouth Managed Shared 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).

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.

(1) See Section 2.1.4 for Service availability.

(N)

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)

4. Disconnects (Cont'd)

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 charge will not apply to any OC-3+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) disconnected on or after July 10, 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 Section E7.4.5 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 Section E7.4.5 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)⁽¹⁾, the new customer premises must be served by the same serving wire center as the original location. (C)

(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 Telephone 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 Section E7.4.5 will apply.

Any rate elements or quantities for local channels, interoffice 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 10.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.

(1) See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

E2.6 Definitions (Cont'd)

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 SIGNALING

The term "**BellSouth SWA FGD** and **BellSouth SWA TSBSA 3 Signaling**" 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.

BELLSOUTH WATS SERVING OFFICE

The term "**BellSouth SWA WATS Serving Office**" denotes a telephone company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of **BellSouth SWA WATS** or **BellSouth SWA WATS**-type services.

BIT

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

BIPOLAR WITH 8 ZERO SUBSTITUTION (B8ZS)⁽¹⁾

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 channel. B8ZS enables Clear Channel Capability on DS1/1.544 Mbps High Capacity service.

BRIDGING WIRE CENTER

The term "Bridging Wire Center" denotes the Company designated wire center in which bridging is accomplished.

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.

CABLE SPACE

The term "Cable Space" denotes any passage or opening in, on, under/over or through the central office cable support structure (e.g., cable risers, cable racks, cable vault or alternate splicing chamber, etc.) required to bring fire retardant fiber optic riser cable from an Expanded Interconnection Service (EIS) arrangement to the location where the riser cable and the feeder cable meet and are spliced and the spaces between the splice and the conduit space, as well as the space between the EIS arrangement and the Company point of termination any other space required to bring other fire retardant communications cable from one EIS arrangement to another EIS arrangement of the same collocator.

CALL

The term "Call" denotes a communication including an off-hook signal and routing information, initiated by an IC or End User (calling party) and completed to a **BellSouth** Directory Assistance Access service location or End User (called party) or to an IC terminal location 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 IDENTIFICATION CODE (CIC)

The term "Carrier Identification Code" (CIC) denotes a unique three or four digit access identification code that is assigned to an IC for use with **BellSouth SWA FGB** and/or **BellSouth SWA FGD** service.

CARRIER OR COMMON CARRIER

See Interexchange 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).

(1) See Section 2.1.4 for Service availability.

E2. GENERAL REGULATIONS

E2.6 Definitions (Cont'd)

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 (CAROT) TESTING

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

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 provides individual channels of voice and/or data of 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.

CHARGEABLE CALL

See Access Minutes.

CLEAR CHANNEL CAPABILITY⁽¹⁾

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

(C)

C-MESSAGE NOISE

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

C-NOTCHED NOISE

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

(DELETED)

COLLOCATOR'S FACILITIES

The term "Collocator's Facilities" denotes the collocator provided transmission equipment and cabling for the sole use in the BellSouth Expanded Interconnection Service arrangement in accordance with the BellSouth Expanded Interconnection Service tariff provisions.

(1) See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

E2.6 Definitions (Cont'd)

DECIBEL REFERENCE NOISE C-MESSAGE WEIGHTING

The term "Decibel Reference Noise C-Message Weighting" denotes noise power measurements with C-Message Weighting in decibels relative to a reference 1000 Hz tone of 90 dB below 1 milliwatt.

DECIBEL REFERENCE NOISE C-MESSAGE REFERENCED TO 0

The term "Decibel Reference Noise C-Message Referenced to 0" denotes noise power in "Decibel Reference Noise C-Message Weighting" referred to or measured at a zero transmission level point.

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.

(C)

DUAL TONE MULTIFREQUENCY ADDRESS SIGNALING

The term "Dual Tone Multifrequency Address Signaling" denotes a type of signaling that is an optional feature of *BellSouth SWA FGA* and *BellSouth SWA FGA* LSBSA. It may be utilized when *BellSouth SWA FGA* and *BellSouth SWA FGA* LSBSA is being used in the terminating direction (from the point of interface with the IC to the local exchange end office). An office arranged for Dual Tone Multifrequency Signaling would expect to receive address signals from the IC in the form of Dual Tone Multifrequency signals.

(1) See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

E2.6 Definitions (Cont'd)

ENTRY POINT

The term "Entry Point" denotes the physical entrance into the central office and/or central office vault. Not all central offices have a central office vault. Multiple entry points are more than one physical entrance into the central office and/or central office vault. Normally, multiple entry points will be distinct and/or separate conduit systems.

ENTRY SWITCH

See First Point of Switching.

ENVELOPE DELAY DISTORTION

The term "Envelope Delay Distortion" denotes a measure of the linearity of the phase versus frequency of a channel.

EQUAL ACCESS EXCHANGE AREAS (EAEA)

The term "Equal Access Exchange Areas" (EAEA) denotes geographic areas, configured based on 1987 planned toll center/access tandem areas, in which local exchange telephone companies are responsible for providing equal access to both interexchange carriers and the customers of interexchange carriers in the most economically efficient manner.

EQUAL LEVEL ECHO PATH LOSS (ELEPL)

The term "Equal Level Echo Path Loss" (ELEPL) denotes the measure of Echo Path Loss (EPL) at a 4-wire interface which is corrected by the difference between the send and receive Transmission Level Path (TLP). (ELEPL = EPL - TLP (send) + TLP (receive)).

EXCHANGE

The term "Exchange" denotes a unit, generally smaller than a Local Access and Transport Area, established by the Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given Local Access and Transport Area.

EXPECTED MEASURED LOSS (EML)

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 1004-Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

EXTENDED SUPERFRAME FORMAT (ESF)

The term "Extended Superframe Format" specifies a twenty-four-frame repeating pattern for the framing and information bits contained in a DS1/1.544 Mbps⁽¹⁾ bit stream. The required format specifications are contained in TR-NPL-000054.

(C)

(1) See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

E2.6 Definitions (Cont'd)

MODIFIED ACCESS BASED COMPENSATION (MABC)

The Modified Access Based Compensation Plan ordered by the Florida Public Service Commission in Docket No. 850310-TL Order No. 17743, issued June 24, 1987 allows the Local Exchange Company (LEC) in whose area the intraLATA long distance MTS/WATS calls originate, to bill and keep the revenues for such calls. The LEC then pays appropriate access charges to other LECs that participate in the completion of the call.

MULTIPOINT CHANNEL

The term "Multipoint Channel" refers to any connection which terminates three or more circuits on the same bridging node.

NETWORK CHANNEL INTERFACE (NCI) CODE UPDATE⁽¹⁾

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

NETWORK CONTROL SIGNALING

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

NETWORK INTERFACE

The term "Network Interface" denotes the point of demarcation on the End User's premises at which the Company's responsibility for the provision of Access Services end.

(DELETED)

NONSYNCHRONOUS TEST LINE

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but which can be made more rapidly.

NORTH AMERICAN NUMBERING PLAN (NANP)

The term "North American Numbering Plan" denotes a 3-digit area or Numbering Plan Area (NPA) code and a 7-digit telephone number made up of a 3-digit Central Office (CO) code plus a 4-digit station number.

OFF-HOOK

The term "Off-hook" denotes the active condition of BellSouth SWA or a Telephone Exchange Service line.

ON-HOOK

The term "On-hook" denotes the idle condition of BellSouth SWA or a Telephone Exchange Service line.

OPEN CIRCUIT TEST LINE

The term "Open Circuit Test Line" denotes an arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

OPERATING COMPANY NUMBER

Denotes a four-character alphanumeric identifier used to determine the company of the NPA-NXX code-holders.

(1) See Section 2.1.4 for Service availability.

E2. GENERAL REGULATIONS

E2.6 Definitions (Cont'd)

SHORT CIRCUIT TEST LINE

The term "Short Circuit Test Line" denotes an arrangement in an end office which provides an ac short circuit termination of the trunk or line by means of a capacitor of at least 4 microfarads.

SIGNAL-TO-C-NOTCHED NOISE RATIO

The term "Signal-to-C-Notched Noise Ratio" denotes the ratio in dB of a test signal to the corresponding C-Notched Noise.

SIGNAL TRANSFER POINT (STP)

The term "Signal Transfer Point" denotes a signaling point which routes and/or transfers signaling messages through the common channel signaling network.

SIGNALING POINT OF INTERCONNECTION

The term "Signaling Point of Interconnection" (SPOI) denotes the location where a Company-provided CCS7 Signaling Connection terminates at a customer location.

SIGNALING POINT CODE

The term "Signaling Point Code" denotes a binary code uniquely identifying a signaling point in a signaling network. This code is used, depending upon its position in the label, either as a destination point code, identifying the intended destination of the message, or as an originating point code, which identifies the originating point of the message.

SPECIAL ORDER

The term "Special Order" denotes an order for a Billing and Collection Service or an order for BellSouth Directory Assistance Access Service when the service is provided via direct trunks to the DA location or via specially designated trunk groups to the access tandem.

SUBTENDING END OFFICE OF AN ACCESS TANDEM

The term "Subtending End Office of an Access Tandem" denotes an end office that has final trunk group routing through that tandem.

SUPERFRAME FORMAT (SF)

The term "Superframe Format" specifies a twelve-frame repeating pattern for the framing and information bits contained in a DS1/1.544 Mbps⁽¹⁾ bit stream. The required format specifications are contained in TR-NPL-000054.

(C)

SWITCHED LOCAL CHANNEL

The Switched Local Channel denotes a switched transport facility between the IC's serving wire center and the IC's premises.

SYNCHRONOUS TEST LINE

The term "Synchronous Test Line" denotes an arrangement in an end office, which performs marginal operational tests of supervisory and ring-tripping functions.

TELEPHONE COMPANY ANSWERING SERVICE CONCENTRATOR

The term "Telephone Company Answering Service Concentrator" denotes a device located in a central office of the Company which concentrates incoming calls to some number of Telephone Answering Service's clients lines to some smaller number of trunks/channels connected to the IC's or End User's premises equipment.

TERMINATING DIRECTION

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from an IC terminal location to an End User's premises.

(1) See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

E2.12 TDM to IP Transition

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

(C)

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

<u>Product Name</u>	<u>Reference</u>
Telegraph Grade (aka BellSouth SPA Telegraph) Service	E7.2.2
Voice Grade (aka BellSouth SPA DS0 VG) Service	E7.2.3
Digital Data Access (aka BellSouth SPA DS0 Digital Data) Service	E7.2.5
High Capacity (aka BellSouth SPA High Capacity) Service (64 kbps, 3.152 and 6.312 Mbps)	E7.2.6
FlexServ (aka BellSouth SPA Customer Rearrangement) Service	E7.4.12
Exchange Access Frame Relay Service (XARFS) (aka BellSouth Exchange Access Frame Relay Service)	E21.1
Exchange Access Asynchronous Transfer Mode Service (XAATMS)	E21.3
BellSouth Network Visibility Service	E21.6

<u>Effective Date</u>	<u>Wire Center</u>	<u>Exchange</u>	<u>Other Information</u>
11/01/2018	BGPIFLMA	Big Pine	Entire Wire Center
	SGKYFLMA	Sugar Loaf	Entire Wire Center
04/29/2019	PNCYFLMA	Panama City	Distribution Areas 112452, 150751, 150752, 151002, 151553, 151851, 152350, 154451, 210854, 413751 and 414551
	LYHNFLOH	Lynn Haven	Distribution Areas 220651 and 220652
09/15/2020	JCVLFLRV	Jacksonville	Distribution Area 420664

(1) See Section 2.1.4 for Service availability.

(N)

E5. ORDERING OPTIONS FOR ACCESS SERVICES

E5.1 General (Cont'd)

E5.1.2 Ordering Conditions (Cont'd)⁽²⁾

(C)

- E. BellSouth SWA Service orders for BellSouth SWA FGB, BellSouth SWA FGD and BellSouth SWA TSBSA 1 and 3 shall be in trunks.
- F. Dedicated Access Line service must be ordered in lines for use with a BellSouth SWA FGD and BellSouth SWA TSBSA 3 service which is in service or on order.
- G. The day upon which the customer has provided to BellSouth a firm commitment for the service and complete and accurate information to allow for the processing of the Access Order *by three o'clock p.m. Eastern Standard Time (EST)*¹ is the Application Date. BellSouth will release an optional initial Pending Order Confirmation, which will include the BellSouth order number and circuit identification. At the customer's request, when BellSouth facility availability is verified, either a Firm Order Confirmation, which will include critical date information, or a Design and Ordering Confirmation, which will include design as well as critical date information, will be released. Critical date information will include the Service Date. The Service Date (also sometimes referred to as the due date) is the date service is to be made available to the customer and billing will commence.

A Pending Order Confirmation is available for orders for BellSouth-provided switched access dedicated transport services, where ordered separately from other switched access services, and for BellSouth-provided special access services. A Design and Ordering Confirmation is not available for orders submitted by end users. A Pending Order Confirmation and a Design and Ordering Confirmation are not available on orders for services provided jointly with another exchange telephone company.

- H. The time required to provision the service (i.e., the interval between the Application Date and the Service Date) is known as the service interval. Such intervals will be established in accordance with published service date interval guidelines which are available to ICs and End Users upon request, whether the IC's service is subject to standard or negotiated intervals. The IC or End User may request a service date other than that established pursuant to the service date interval guidelines, and the Company, where possible, will establish the service date in accordance with such request, subject, however, to other applicable provisions of this Tariff.
- I. The following charges will apply for the installation, move or rearrangement of BellSouth SWA or Special Access (a.k.a. BellSouth SPA) service orders with an agreed upon service date interval of four business days or less following the Application Date of the order. These charges are in addition to other applicable BellSouth SWA or Special Access (a.k.a. BellSouth SPA) nonrecurring charges for installations, moves or rearrangements of service. These charges will not apply to services provided on a Special Services Arrangement or on an Individual Case Basis, or in the event the agreed upon Service Date, as set forth preceding, is not met, or at the request of the customer to convert from a lower to higher order of service as provided for in Section E2.4.9A.

- 1. Per Service Order

	Nonrecurring	
	Charge	USOC
(a) Special Access (a.k.a. BellSouth SPA)	\$365.00	SOCSP
(b) BellSouth SWA	300.00	SOC SW

- J. An IC or End User who initiates a conversion (rollover) of a BellSouth SWA DS1 to a BellSouth SWA DS3 High Capacity service is also responsible for submitting Network Channel Interface (NCI) Code Update requests, either mechanically or manually, on all sub-DS1 level circuits that ride the channelized BellSouth SWA DS1 High Capacity service being rolled over. The Company and the IC or End User will work cooperatively to establish the number of circuits which may be submitted monthly for purposes of mechanical NCI Code updates associated with rollovers of BellSouth SWA FG DS1 High Capacity service to BellSouth SWA DS3 High Capacity service.
- K. An IC who converts from an existing feature group service to an equivalent unbundled service (i.e., BellSouth SWA FGA to BellSouth SWA LSBSA, BellSouth SWA FGB to BellSouth SWA TSBSA 1 and BellSouth SWA FGD to BellSouth SWA TSBSA 3) shall do so on no lower than an end office level. The Company and the IC will work cooperatively to accomplish these conversions.

E5.1.3 Provision of Other Services

- A. Testing Service, Additional Labor and Special Facilities Routing shall be ordered with an Access Order as set forth in B. following. The rates and charges for these services, as set forth in other sections of this Tariff, will apply in addition to the ordering charges set forth in this section and the rates and charges for the Access Service with which they are associated.

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

Note 2: See Section 2.1.4 for Service availability.

(N)

E5. ORDERING OPTIONS FOR ACCESS SERVICES

E5.2 Access Order (Cont'd)

E5.2.4 Cancellation of an Access Order (Cont'd)⁽¹⁾

(C)

B. When an IC or End User cancels an Access Order for the installation of service, a Cancellation Charge will apply as follows:
 (Cont'd)

4. (Cont'd)

e. The resulting cancellation charge is also shown as follows:

(1) Cancellation Charge Percentages Listing No. 1

Type Service/ Critical Dates	After: Before:	APP SID	SID LAM	LAM EIRD	EIRD DLRD	DLRD RID	RID DVA
DEDICATED ACCESS							
WATS (a.k.a. BellSouth SPA)		3.8%	9.6%	11.9%	16.2%	21.4%	29.6%
Voice Grade (a.k.a. BellSouth SPA DS0 VG)		3.8%	9.5%	11.9%	16.1%	21.3%	29.7%
Telegraph Grade (a.k.a. BellSouth SPA Telegraph)		3.8%	9.5%	11.9%	16.1%	21.3%	29.7%
Metallic Grade (a.k.a. BellSouth SPA Metallic)		3.8%	9.5%	11.9%	16.1%	21.3%	29.7%
Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data)		3.6%	9.1%	11.4%	16.1%	21.9%	28.5%
BellSouth Metro Ethernet service		11.6%	33.1%	42.9%	44.8%	47.3%	53.1%
EIS Cross-Connects		3.7%	9.3%	11.5%	15.6%	20.6%	28.8%
BELLSOUTH SWA							
Trunks or Lines		8.6%	17.2%	17.2%	22.1%	28.0%	41.1%
High Capacity (a.k.a. BellSouth SPA High Capacity)		3.7%	9.3%	11.5%	15.6%	20.6%	28.8%
EIS Cross-Connects		3.7%	9.3%	11.5%	15.6%	20.6%	28.8%

(2) Cancellation Charge Percentages Listing No. 2

Type Service/ Critical Dates	After: Before:	DVA WOT	WOT FCD	FCD PTD	PTD DD	DD
DEDICATED ACCESS						
WATS (a.k.a. BellSouth SPA)		39.7%	47.5%	69.6%	93.3%	100.0%
Voice Grade (a.k.a. BellSouth SPA DS0 VG)		39.5%	47.2%	69.5%	93.4%	100.0%
Telegraph Grade (a.k.a. BellSouth SPA Telegraph)		39.5%	47.2%	69.5%	93.4%	100.0%
Metallic Grade (a.k.a. BellSouth SPA Metallic)		39.5%	47.2%	69.5%	93.4%	100.0%
Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data)		36.0%	45.2%	69.9%	93.9%	100.0%
BellSouth Metro Ethernet service		53.1%	69.9%	85.6%	94.9%	100.0%
EIS Cross-Connects		38.3%	45.8%	68.9%	93.6%	100.0%
BELLSOUTH SWA						
Trunks or Lines		60.5%	67.8%	79.7%	95.8%	100.0%
BellSouth SWA High Capacity		38.3%	45.8%	68.9%	93.6%	100.0%
EIS Cross-Connects		38.3%	45.8%	68.9%	93.6%	100.0%

(1) See Section 2.1.4 for Service availability.

(N)

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Note 1: See Section 2.1.4 for Service availability.

(N)

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Note 1: (DELETED)

Note 2: See Section 2.1.4 for Service availability.

(N)

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(1) See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

E7.1 General

Dedicated Access Services provide a transmission path to directly connect an IC terminal location in a LATA to the End User's premises¹; two IC terminal locations; an IC terminal location and a HUB; or a HUB and an End User's premises. Dedicated Access Services include all exchange access not utilizing Company end office switches. This type of Access Service is used, for example, by IC's for the provision of private line service. When the Company incurs costs as a result of an IC generated activity, defined as the relocation of an IC POP, Dedicated Access Services nonrecurring charges will be billed to the IC. Prorating of high capacity services among End Users will not be allowed.

The connections provided by Dedicated Access Services 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⁽³⁾

There are six types of channels used to provide Dedicated Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

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

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

For purposes of ordering channels, each has been identified as a type of Dedicated Access Service. However, such identification is not intended to limit a customer's use of the channel, nor to imply that the channel is limited to a particular use.

Following is a brief description of each type of channel:

1. Telegraph Grade² (a.k.a. BellSouth SPA Telegraph) (TG) - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.
2. Voice Grade² (a.k.a. BellSouth SPA DS0 VG) (VG) - a channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.
3. **(DELETED)**
4. Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) Service (DDAS) - 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.
5. High Capacity (a.k.a. BellSouth SPA High Capacity) (HC) - a channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, or 44.736 Mbps.
6. Derived Data Channel² (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 CO-like switches and other Company CO derived services are considered to be End User's premises for purposes of this Tariff.

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.

(C)

(N)

E7. DEDICATED ACCESS SERVICES

E7.1 General (Cont'd)

E7.1.1 Channel Types (Cont'd)⁽³⁾

(C)

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

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.

For example, a customer may order a 44.736 Mbps facility from a 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

The following basic rate categories apply to Dedicated Access Services:

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

These basic categories are shown in the diagram in E7.1.3.A.

The rate categories for SMARTPath[®] service are:

- SMARTPath[®] (a.k.a. BellSouth SPA DS1 Shared Ring) Area Connection (described in D. following)
- SMARTPath[®] (a.k.a. BellSouth SPA DS1 Shared Ring) Area Junction (described in E. following)

A. Local Channel

The Local Channel rate category provides for the communications path between 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. The Local Channel rate element is further designated as to whether the premises is an End User or an IC terminal location. A Hub Termination charge applies in addition to each Digital Data Access¹ (a.k.a. BellSouth SPA DS0 Digital Data) service Local Channel.

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)

E7. DEDICATED ACCESS SERVICES

E7.1 General (Cont'd)

E7.1.2 Rate Categories (Cont'd)⁽²⁾

(C)

B. 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 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.

C. Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Dedicated Access 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.

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

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

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

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

D. The SMARTPath[®] (a.k.a. BellSouth SPA DS1 Shared Ring) Area Connection provides for the connection at the designated premises where the customer gains access to SMARTPath[®] service (a.k.a. BellSouth SPA DS1 Shared Ring) and transport to a designated junction in the same SMARTPath[®] service (a.k.a. BellSouth SPA DS1 Shared Ring) area.

E. The SMARTPath[®] (a.k.a. BellSouth SPA DS1 Shared Ring) Area Junction provides for the connection between the SMARTPath[®] service (a.k.a. BellSouth SPA DS1 Shared Ring) network and (1) another customer designated premises, in the same SMARTPath[®] service (a.k.a. BellSouth SPA DS1 Shared Ring) Area or (2) a serving wire center in the same SMARTPath[®] service (a.k.a. BellSouth SPA DS1 Shared Ring) Area for connection to (a) DS1 Basic Channelization, FlexServ[®] service (a.k.a. BellSouth SPA Customer Reconfiguration) or DS3 service as provided in Section E7. of this Tariff, or (b) a SMARTPath[®] service (a.k.a. BellSouth SPA DS1 Shared Ring) Area Junction of another SMARTPath[®] service (a.k.a. BellSouth SPA DS1 Shared Ring) area in the same Metropolitan Area.

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 E7.2.11.A following.

2. Customer Channel Interface

A Customer Channel Interface provides DS1, DS3, STS-1 electrical channelization and/or OC-3 and/or OC-12 optical

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)

E7. DEDICATED ACCESS SERVICES

E7.1 General (Cont'd)

E7.1.2 Rate Categories (Cont'd)

G. (DELETED)

H. Access Collocation Cross-Connects⁽²⁾

(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: (DELETED)

Note 2: See Section 2.1.4 for Service availability

(N)

E7. DEDICATED ACCESS SERVICES

E7.1 General (Cont'd)

E7.1.4 Alternate Use

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

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis and filed in Section E12., Specialized Service or Arrangements. The End User will pay the stated tariff rates for the Access Service rate elements for the service ordered (i.e., Local Channels, Interoffice Channel (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 Dedicated Access Services be specially routed. The regulations, rates and charges or Special Facilities Routing (i.e., Avoidance, Diversity and Cable Only) are set forth in Section E11.

E7.1.6 Design Layout Report

At the request of the customer, the Company will provide the make-up of the facilities and services provided under this Tariff as Dedicated Access Services 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 whenever these facilities are materially changed.

E7.1.7 Acceptance Testing

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

- A. For Voice Grade¹ (*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 Grade¹ (*a.k.a. BellSouth SPA DS0 VG*) services, a balance (improved loss) test will be made if the customer has ordered the improved return loss optional feature.
- B. For digital services (i.e., Digital Data¹ (*a.k.a. BellSouth SPA DS0 Digital Data*), and High Capacity (*a.k.a. BellSouth SPA High Capacity*))⁽²⁾, acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

(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.

(N)

E7. DEDICATED ACCESS SERVICES

E7.1 General (Cont'd)⁽³⁾

(C)

E7.1.7 Acceptance Testing (Cont'd)

- B. For digital services (i.e., Digital Data¹ (a.k.a. BellSouth SPA DS0 Digital Data), 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. (Cont'd)

In addition to the preceding tests, Additional Cooperative Acceptance Testing for Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) service to test other parameters, as described in E13.3.5.B., is available at the customer's request. All test results will be made available to the customer upon request.

- C. If acceptance tests are not started within 30 minutes after the scheduled appointment time for such tests, as negotiated between the Company and the IC, additional charges may apply to the IC, as set forth in Section E13.

E7.1.8 Ordering Options and Conditions

The options and conditions for access orders are set forth in detail in Section E5. Also included in that section are other charges which may be associated with ordering Dedicated Access Services (e.g., Service Date Change Charges, Cancellation Charges, etc.).

E7.1.9 Jurisdictional Report Requirements

An IC or End User must order Dedicated Access Services for either interstate or intrastate use. Dedicated Access Services connecting to an interstate facility, either directly or through a customer provided switch, must be ordered as interstate Special Access (a.k.a. BellSouth SPA) service in accordance with the applicable rules and regulations of the BellSouth Telecommunications, Inc. Tariff F.C.C. No. 1.

E7.2 Service Description

For the purpose of ordering, there are six categories of Dedicated Access Services. These are:

1. Telegraph Grade¹ (a.k.a. BellSouth SPA Telegraph) (TG)
2. Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) (VG)
3. Digital Data Access¹ (a.k.a. BellSouth SPA DS0 Digital Data) service (DDAS)
4. High Capacity (a.k.a. BellSouth SPA High Capacity) (HC)
5. Self-Healing Rings (SMARTRing² service (a.k.a. BellSouth Dedicated Ring)
6. Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) service

Each service consists of a basic channel to which a technical specifications package (predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired. Each of the components of the service are described in this section. Terms, conditions, and rates for Physical 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.

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)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (Cont'd)⁽²⁾

(C)

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

Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix found in each service description (e.g., VG matrix in E7.2.3.B. following) 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 Dedicated Access Services to which the parameters are applicable. These two-letter codes are shown preceding in parentheses following the category of Dedicated Access Services. The number "1" following the two-letter code indicates the technical specifications package for a service. A numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

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

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth herein.

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

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

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 such category of service:

Telegraph Grade ¹ (a.k.a. BellSouth SPA Telegraph)	TR-NPL-000336
Voice Grade ¹ (a.k.a. BellSouth SPA DSO VG)	TR-NPL-000335
Digital Data ¹ (a.k.a. BellSouth SPA DSO Digital Data)	TR-NPL-000341
For 2.4, 4.8,9.6 and 56.0 Kbps	BellCore PUB 62310
For 19.2 Kbps	INC. BULLETIN CB-INC-100
For 64.0 Kbps	AT&T PUB 62310
High Capacity (a.k.a. BellSouth SPA High Capacity)	TA-TSY-000342 TR-NPL-000054
(DELETED)	
Derived Data Channel ¹ (a.k.a. BellSouth SPA Derived Data Channel) Service	BellSouth TR-73548 BellSouth TR-73548, Addendum 1

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)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (Cont'd)⁽³⁾

(C)

E7.2.3 Voice Grade (a.k.a. BellSouth SPA DS0 VG) Service^{1,2} (Cont'd)

D. Optional Features and Functions (Cont'd)

5. D-Conditioning (Cont'd)

When a service equipped with D-Conditioning and is used for voice communications, the quality of the voice transmission may not be satisfactory.

6. Telephoto Conditioning

Telephoto Conditioning provides transmission characteristics suitable for telephotographic communications. Specifically, Telephoto Conditioning is provided for the control of attenuation distortion and envelope delay distortion parameters for Telephoto Conditioning are:

Attenuation Distortion

(2204 Hz Reference)

Frequency Variation

Range (Hz) (dB)

304 - 3204 - 1.0 to + 2.5

504 - 3004 - 0.5 to + 1.5

Envelope Delay Distortion

Frequency Variation

Range (Hz) (mcs)

1004 - 2604 Less Than 111

804 - 2804 Less Than 181

7. Signaling Capability

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

8. Improved Termination

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

9. Simplex Reversal

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

10. FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration)

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

Note 1: Effective September 30, 2017, Voice Grade (a.k.a. BellSouth SPA DS0 VG) service in the Kings Point, Florida Telephone Company wire center is no longer available.

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)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (Cont'd)⁽³⁾

(C)

E7.2.3 Voice Grade (a.k.a. BellSouth SPA DS0 VG) Service^{1,2} (Cont'd)

D. Optional Features and Functions (Cont'd)

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

	Available with Technical Specifications Package VG-											
	1	2	3	4	5	6	7	8	9	10	11	12
C-Type Conditioning					X	X	X	X	X	X		
Improved Attenuation Distortion					X	X	X	X	X	X		
Improved Envelope Delay Distortion					X	X	X	X	X	X		
Sealing Current Conditioning							X					
D-Conditioning						X	X			X		
Central Office Bridging		X			X	X				X	X	X
Customer Specified Premises Receive Level		X	X				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			
Signaling Capability	X	X	X				X	X	X			
Telephoto Conditioning												X

Note 1: Effective September 30, 2017, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Kings Point, Florida Telephone Company wire center is no longer available.

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)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (Cont'd)

E7.2.5 Digital Data Access³ (*a.k.a. BellSouth SPA DS0 Digital Data*) Service (Cont'd)

B. Technical Specifications Packages

Parameter	DA Matrix					
	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 interconnection specifications contained in Technical Reference PUB 62310.

Interface options and service objectives are as specified 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) ²	2.4 Kbps
DU-48(S) ²	4.8 Kbps
DU-96(S) ²	9.6 Kbps
DU-19(S) ²	19.2 Kbps
DU-56(S) ²	56.0 Kbps
DU-64	64.0 Kbps

Compatible channel interfaces are set forth in Technical Reference TR-NPL-000341.

D. Optional Features and Functions⁽⁴⁾

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.

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

Note 2: (S) is an additional BellSouth designation for use when the optional Secondary Channel feature is required.

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.

(C)

(N)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (Cont'd)⁽²⁾

(C)

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.

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

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

(N)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (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 may 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	HC Matrix			
	0	1	1C	2 3
Error-Free Seconds		X		

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed to conform with the interconnection specifications contained in Technical Reference PUB 62411.

Further technical specifications are delineated in Technical Reference TA-TSY-000342.

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 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 TR-TSY-000342.

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, 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.

(N)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (Cont'd)

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

(C)

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

d. DS1 Basic Channelization System

An arrangement that channelizes a 1.544 Mbps channel to a maximum of twenty four 64 Kbps channels. A channel of this DS1 to the Hub can also be used for a Digital Data service. A DS1 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity.

e. DS0 Basic Channelization System¹

An arrangement that channelizes a 64.0 Kbps channel to a 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.

3. Channel Interface

a. DS1 Level Central Office Channel Interface

An arrangement for the connection of DS1 (1.544 Mbps) channels of 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.

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)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (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)

3. Channel Interface (Cont'd)

d. Subrate Level Central Office Channel Interface²

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 DS3**) 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.

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		

Note 1: Available only on 64 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.

(N)

Material appearing on this page previously appeared on page(s) 23 of this section.

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E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (Cont'd)

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 SMARTPath® Service (a.k.a. BellSouth SPA Shared Ring)⁽²⁾

(C)

A. Service Description

SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) is a shared high capacity network service capable of providing a 1.544 Mbps transport link with high performance and reliability parameters and a level of redundancy/diversity designed to limit a single event from interrupting service. This service is available only in those locations within specified SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) Areas which the Company determines can be incorporated into the SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) network enabling the Company to provide the specified level of performance and reliability. For locations where a customer requests SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) and facilities are not available, special construction charges will apply as set forth in Section E14. following. SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) Areas are identified in the NATIONAL EXCHANGE CARRIER (NECA) TARIFF F.C.C. No.4.

SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) provides a transport link between a customer designated premises where the network is accessed and (1) another customer designated premises, in the same SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) Area or (2) a serving wire center in the same SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) Area for connection to (a) DS1 Basic Channelization, FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration), SmartRing®¹ service (a.k.a. BellSouth Dedicated Ring), or DS3 service as provided in Section E7. of this Tariff, BellSouth Virtual Expanded Interconnection Services under Section E20. of this Tariff, or (b) a SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) Area Junction of another SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) area in the same Metropolitan Area.

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)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (Cont'd)

E7.2.12 SMARTPath® Service (a.k.a. BellSouth SPA Shared Ring) (Cont'd)⁽¹⁾

(C)

A. Service Description (Cont'd)

The technical specifications and standard network interfaces for SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) are contained in BellSouth Telecommunications, Inc. Technical Reference Publication 73575. This publication is available from BellSouth Services Documentation Operations, North W5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243.

DS1s carried over Synchronous Optical Network (SONET) transport systems can incur phase transients as a result of pointer adjustments. In some instances timing problems could surface in customer's equipment with Stratum 3 or better clocks. This may result in the customer's clock disqualifying its synchronization reference, generating an alarm and/or selecting an alternate reference or entering holdover. To insure proper operation, channelized DS1 circuits must comply with Bellcore Technical Advisory, TA-NWT-000436, Digital Synchronization Network Plan, and ANSI T1.101-1994. When timing is taken from a Company transported DS1, the customer's equipment must be capable of accommodating SONET pointer adjustments.

B. Performance Objectives

ANSI T1.403-1989 Extended SuperFrame Format (ESF) is required on all circuits in order to assure performance objectives. The performance objectives for SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) are as follows:

1. Meet or exceed 99.99 percent Circuit Availability on a monthly basis. This objective applies except where a customer's equipment is disconnected and/or inoperative.
2. Meet or exceed 99.95 percent Error Free Seconds on a monthly basis.
3. Meet or exceed .009 percent Severely Errored Seconds on a monthly basis.

C. Performance Guarantee

The performance guarantee for SMARTPath® service (a.k.a. BellSouth SPA Shared Ring) is as follows:

1. Service Continuity - in the event of primary facility failure, service is guaranteed to switch to an alternate facility path in sixty (60) seconds or less. Failure to meet this guarantee will result in a credit as described in E2.4.4.B.7. preceding, where the trouble is in the network.

Note 1: See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (Cont'd)⁽²⁾

(C)

E7.2.14 (DELETED)

E7.2.15 Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) Service

A. Basic Service Description

Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) service (DDCS) provides full-duplex asynchronous or synchronous data transmission utilizing data over voice and subrate¹ multiplexing technology. DDCS (a.k.a. BellSouth SPA Derived Data Channel) provides simultaneous data and voice transmissions over the customer's existing two-wire local exchange facility. A derived data channel is provided between the customer's premises and the customer's serving wire center.

At the customer's serving wire center the data/voice terminating equipment provides subrate¹ multiplexing into a standard DS0-B interface for a group composed of a maximum of twenty derived data channels. The customer's derived data channel must be associated with a DS0-B interface. This association requires coordination between the subscriber of the derived data channel and the subscriber of the DS0-B interface. An interoffice channel is provided for interconnection of the subrate¹ multiplexed DS0-B interface to the serving wire center of a customer designated premises.

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

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

B. Channel Interfaces

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

CI	Bit Rate
2DV5.BA	2.4 Kbps, Digital Data Over Voice ¹

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)

E7. DEDICATED ACCESS SERVICES

E7.2 Service Description (Cont'd)⁽⁴⁾

(C)

E7.2.15 Derived Data Channel⁽²⁾ (a.k.a. BellSouth SPA Derived Data Channel) Service (Cont'd)

B. Channel Interfaces (Cont'd)

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

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

E7.2.16 SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring)

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

1. SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring) is a dedicated, high capacity, network designed to provide increased reliability and functionality via a self-healing ring topology between multiple customer designated locations and Telephone Company Central Offices where facilities can be made available as determined by the Company. This network consists of fiber routed through local, alternate central office, internodal and/or interoffice channel facilities that transmit DS1, DS3, STS-1, OC-3, OC-12, OC-48 and/or 1000 Mbps channel services simultaneously over primary and alternate paths between customer designated locations and Telephone Company Central Offices. This ring topology will continually monitor DS1, DS3, STS-1, OC-3, OC-12, OC-48 and/or 1000 Mbps service quality, detect any failure within the system, and automatically self-heal around a point of failure to ensure the flow of DS1, DS3, STS-1, OC-3, OC-12, OC-48 and/or 1000 Mbps services between locations within the network.
2. SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring) is available at OC-1, OC-3, OC-3+ OC-12, OC-48, OC-48+, OC-192 and OC-192+ capacities.
3. OC-1 SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring) is available only in Overlay Ring Arrangements riding the customer's host OC-12, OC-48, or OC-48+ SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring). The OC-1 SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring) shares the transport of its host SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring). OC-1 SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring) provides an equivalent capacity of 28 DS1s or one STS-1. When an OC-1 SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring) overlays an OC-12, OC-48, or OC-48+ SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring), an OC-1 channel interface is required.
4. OC-3 SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring) is available as an individual service or in an Overlay Ring Arrangement riding the customer's host OC-12, OC-48, OC-48+, OC-192 or OC-192+ SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring). OC-3 SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring) provides an equivalent capacity of 3 DS3s, or any combination thereof not to exceed an OC-3 capacity. Channel Interface Reallocation allows the customer to reallocate STS-1, DS3 and/or DS1 capacities to OC-3 nodes subsequent to the initial configuration of an OC03 ring.
5. OC-3+ SMARTRing⁽¹⁾ service (a.k.a. BellSouth Dedicated Ring) is available as an individual service, or in combination with OC-12 SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring), or in an Overlay Ring Arrangement riding the customer's host OC-48, OC-192 or OC-192+ SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring). OC-3+ SMARTRing⁽³⁾ service (a.k.a. BellSouth Dedicated Ring) provides an equivalent OC-3 capacity, not to exceed 3 DS3s at each node, with a maximum ring capacity of 12 DS3s, not to exceed an OC-12 ring capacity.

Note 1: Effective July 10, 2015, the Company will accept only disconnect order for OC-3+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring), including orders associated with existing service. Move, add or change orders will no longer be accepted.

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)

E7. DEDICATED ACCESS SERVICES

E7.3 Channel Interface and Network Channel Codes

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Dedicated Access Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, and Network Channel codes. Compatible Channel Interface codes are contained in the services respective Technical Reference Publications as indicated in E7.2.

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:

LB = Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) Channel with a Predefined Technical Specification Package (1)

2 = Number of physical wires at customer premises

LC = Facility interface for Type C Signaling

8 = Variable impedance level

E7.3.1 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 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 Reconfigurable Voice Grade Service ¹
- 10R	DS1 to DS0 Customer Reconfigurable ¹
	(DELETED)
- 10	DS1 to DS0 ¹

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)

E7. DEDICATED ACCESS SERVICES¹

E7.3 Channel Interface and Network Channel Codes (Cont'd)

E7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)⁽³⁾

(C)

Code - Option	Definition
- 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
CT -	Centrex Tie Trunk Termination
DA -	Data stream in VF frequency band at customer's point of termination
DB -	Data stream in VF frequency band at customer's point of termination
- 10	VF for TG1 and TG2
- 43	VF for 43 Telegraph ² Carrier type signals, TG1 and TG2
DD -	Dataphone [®] Select-A-Station (and TABS) interface at customer's point of termination
DE -	Dataphone [®] Select-A-Station (and TABS) interface at the customer's end user's point of termination
DS -	Digital hierarchy interface
- 1K	1.544 Mbps (DS1) ANSI Extended Superframe (ESF) format
- 1S	1.544 Mbps (DS1) ANSI Extended Superframe (ESF) format and B8ZS Clear Channel Capability
- 15	1.544 Mbps (DS1) Superframe (SF) format
- 15B	1.544 Mbps (DS1) Superframe (SF) format and B8ZS Clear Channel Capability
- 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)

Note 1: Text is shown as new due to reissue of all Tariff Sections. No changes in rates or regulations were made with this Filing.

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)

E7. DEDICATED ACCESS SERVICES¹

E7.3 Channel Interface and Network Channel Codes (Cont'd)

E7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)⁽⁴⁾

(C)

Code - Option	Definition
- 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) ²	19.2 Kbps ³
- 24(S) ²	2.4 Kbps ³
- 48(S) ²	4.8 Kbps ³
- 56(S) ²	56.0 Kbps ³
- 64	64.0 Kbps ³
- 96(S) ²	9.6 Kbps ³
- 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
- 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 ³
DX -	Duplex signaling interface at customer's point of termination
EA - E	Type I, E&M Lead Signaling. Customer at POT or end user at POT originates one E Lead.
EA - M	Type I E&M Lead Signaling. Customer at POT or end user at POT originated on M Lead.

Note 1: Text is shown as new due to reissue of all Tariff Sections. No changes in rates or regulations were made with this Filing.

Note 2: (S) is an additional BellSouth designation for use when the optional Secondary Channel feature is required.

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.

(N)

E7. DEDICATED ACCESS SERVICES¹

E7.3 Channel Interface and Network Channel Codes (Cont'd)

E7.3.3 Digital Hierarchy Channel Interface Codes (4DS)⁽²⁾

(C)

Customers selecting the channelized four-wire DS-1 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

E7.3.4 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g. VG2, DA1, 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
TV3	TZ
DA1	XA
DA2	XB
DA3	XG

Note 1: Text is shown as new due to reissue of all Tariff Sections. No changes in rates or regulations were made with this Filing.

Note 2: See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

E7.4 Rate Regulations (Cont'd)

E7.4.1 Types of Rates and Charges (Cont'd)⁽⁶⁾

(C)

A. (Cont'd)

Digital Data Access³ Service and Derived Data Channel³ (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 months² and in payment periods from forty-three to sixty months² 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. of this Tariff. 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 2. 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 (12) or less, or twenty percent (20%) for contracts that have been in effect longer than twelve months (12).** An example is provided in 1. following.

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

- Voice Grade³ (a.k.a. BellSouth SPA DS0 VG),
- Digital Data Access³ (a.k.a. BellSouth SPA Derived Data Channel) service¹,
- High Capacity (a.k.a. BellSouth SPA High Capacity) service
- SMARTPath service (a.k.a. BellSouth SPA Shared Ring)

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

- FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration)
- BellSouth Metro Ethernet⁴ service

1. A customer subscribes to Digital Data Access³ (a.k.a. BellSouth SPA DS0 Digital Data) service using the twenty-four to forty-two month 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:
$$\text{Termination Liability Charge} = .50 \times [(30 \text{ months} \times \text{monthly rate}) - (12 \text{ months} \times \text{monthly rate})]$$
2. 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. of this Tariff, or customer requested changes to services not covered by the Channel Services 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. of this Tariff are satisfied.

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

Note 2: Effective March 23, 2019, Customers may not: Convert, renew, or establish CSPPs for Derived Data Channel Service, Digital Data Access Service.

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: See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

E7.4 Rate Regulations (Cont'd)

E7.4.1 Types of Rates and Charges (Cont'd)⁽⁴⁾

(C)

A. (Cont'd)

Contract rates are available for 1.544 Mbps High Capacity (a.k.a. BellSouth SPA High Capacity) service for variable periods, with rates based on lengths of 36 months^{2, 3}, 60 months^{2, 3}, or 84 months^{1, 2, 3} 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 fifty percent of the following: the number of months remaining in the contract times the monthly contract rate. However, Termination Liability charges will not apply for customer requests for moves of service under CSPP subject to the provisions set forth in E2.4.9.A.11. preceding.

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

B. 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 Dedicated Access Services are: installation of service, installation of optional features and functions, and service rearrangements.

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

Note 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)

E7. DEDICATED ACCESS SERVICES

E7.4 Rate Regulations (Cont'd)

E7.4.1 Types of Rates and Charges (Cont'd)⁽²⁾

(C)

B. Nonrecurring Charges (Cont'd)

1. Installation of Service

a. Local Channels

Nonrecurring charges apply to each Local Channel on each Dedicated Access 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. If additional services are installed at a later date, then the First Service Installed rate and the Additional Service rate would apply to those services regardless of what service already existed.

b. Interoffice Channel Mileage

The nonrecurring charge for the Interoffice Channel mileage will be applied each time the Interoffice Channel rate element is applicable.

The nonrecurring charges for the Installation of Services are set forth in E7.5 following as nonrecurring charges for the Local Channel Rate Element and the Interoffice Channel Rate Element.

2. Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Dedicated Access Services. 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.

One nonrecurring charge is applicable to bridging.

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. An "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(s) 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 charge(s).

One nonrecurring charge is applicable for each individual DS1 level Central Office or Customer channel interface and is in addition to any other applicable charge(s).

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

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

Note 2: See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

E7.4 Rate Regulations (Cont'd)

E7.4.1 Types of Rates and Charges (Cont'd)⁽³⁾

(C)

B. Nonrecurring Charges (Cont'd)

3. Service Rearrangements (Cont'd)

- If the change involves changing a customer's 1.544 Mbps high capacity service, as described in E7.2.9, to SMARTPath service (a.k.a. BellSouth SPA Shared Ring), the change will be considered a disconnect of the existing service and full nonrecurring charges apply for the SMARTPath service (a.k.a. BellSouth SPA Shared Ring). If the existing 1.544 Mbps high capacity service is provided under a Channel Services Payment Plan (CSPP) agreement, a change to SMARTPath service (a.k.a. BellSouth SPA Shared Ring) under CSPP will be considered an upgrade and termination liability charges will not apply.

- If the change involves changing (reconfiguring) an existing BellSouth Metro Ethernet¹ service Connection, appropriate charges provided in E7.4.32.

- If the change involves the addition of a DS3 Network Interface Unit (NIU) to a SMARTRing² service (a.k.a. BellSouth SPA Dedicated Ring) the rates and charges shown in E13.3.25.

- For all other changes, including a change of the customer of record involving no physical changes to the service provided or the addition of optional features without separate nonrecurring charges, a charge equal to a Local Channel rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

4. Transfer of Service

When a change in billing data (e.g., name, address, contact name, or telephone number) is requested in association with a change in the customer of record, transfer of service charges, as set forth in E7.5.13. Charges are applied on a Billing Account Number (BAN) and per circuit basis.

E7.4.2 Dedicated Access Services Capable of Using the Local Exchange Network

A. General

When a Dedicated Access Line, intraLATA interexchange private line or Private Bypass facility is connected to a device capable of interconnecting the Dedicated Access line, intraLATA interexchange private line or Private Bypass facility to the Local Exchange Network, the Exchange Service Rate associated with that device (e.g., the PBX trunk in the case of a PBX) will be rated as Message or Measured Service as specified in the Local Exchange Company's General Subscriber Service Tariff.

B. Application of Measured or Message Service

Application of Measured or Message exchange service charges for services existing on the effective date of this Tariff will commence March 16, 1986, unless the certification process described in E7.4.2.C. following is met on or before February 8, 1986. For new Dedicated Access services, intraLATA interexchange private line or Private Bypass facilities ordered on or after the effective date of this Tariff and terminating for an end user at the same address at which a PBX trunk or other similar exchange service is also provided, that exchange service will automatically be rated on a Measured or Message basis unless the certification process described in C. following is met. Measured or Message service rates will be applied at the discretion of the Local Exchange Company for exchange services not certified by the process described in E7.4.2.C.

Note 1: Per Filing T20210063, 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)

E7. DEDICATED ACCESS SERVICES

E7.4 Rate Regulations (Cont'd)

E7.4.2 Dedicated Access Services Capable of Using the Local Exchange Network (Cont'd)

C. Certification Process

The certification will be in the form of a written notification to the Company certifying that calls are not completed into the Local Exchange Network over the Dedicated Access line, intraLATA interexchange private line or Bypass Facility. The notification may be provided (1) on or before February 8, 1986, for service existing on the effective date, (2) at the time new service is ordered or (3) at such time the Dedicated Access service, intraLATA interexchange private line or Bypass Facility is reterminated to a device not capable of interconnecting to the local exchange network. If a written certification is not received at the time an order for service is placed, message/measured exchange service will apply. Exempt status will become effective on the date certification is received by the Company.

D. Change of Status

The Company will cease billing message/measured exchange service rates when certification that the service has become exempt as set forth in C., preceding is received.

E7.4.3 Reserved for Future Use

E7.4.4 Minimum Periods⁽³⁾

The minimum service periods are specified in E5.2.6 of this Tariff, except for SMARTPath service (a.k.a. BellSouth SPA Shared Ring), BellSouth Metro Ethernet¹ service and SmartRing² service (a.k.a. BellSouth Dedicated Ring) whose minimum service period is 4 months.

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

E7.4.5 Moves

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

- The Point of Termination at the customer's premises
- The customer's premises

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.

A. 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 requirements.

Note 1: Per Filing T20210063, 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.

(C)

(N)

E7. DEDICATED ACCESS SERVICES

E7.4 Rate Regulations (Cont'd)

E7.4.6 Mileage Measurement (Cont'd)

Mileage is shown in E7.5 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff FCC. No. 4, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is 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 or 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 IC or End User 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.

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.

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⁽³⁾

(C)

A customer has the option of ordering 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., Voice¹, 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 FCC. 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 Grade¹ (a.k.a. BellSouth SPA DS0 VG), not High Capacity (a.k.a. BellSouth SPA High Capacity).

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)

E7. DEDICATED ACCESS SERVICES

E7.4 Rate Regulations (Cont'd)

E7.4.7 Facility Hubs (Cont'd)⁽⁴⁾

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 digital Local Channel, Interoffice Channel (when applicable) and the Basic Channelization System at the time the facility is installed. DS1 and DS0 Basic Channelization Systems¹ 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 SMARTRing² services (a.k.a. BellSouth 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 and additional Interoffice Channel and Central Office Channel Interface(s) (as required) for each channelized service. These will be billed to the customer as each individual service is installed.

Cascading channelization occurs when a digital channel is channelized to provide channels with a lesser capacity and one of the lesser capacity channels is further channelized. For example, a High Capacity (a.k.a. BellSouth SPA High Capacity) facility is channelized to individual Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) channels.

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 DDAS¹ (a.k.a. BellSouth SPA DS0 Digital Data) Central Office Channel Interface are required for high speed or low speed DDAS¹ (a.k.a. BellSouth SPA DS0 Digital Data) activations when channelized from a DS1 (1.544 Mbps) channel. A DS0 Basic Channelization System¹ and Subrate Central Office Channel Interface¹ are required for subrate¹ activations of 2.4, 4.8 and 9.6 Kbps when channelized from a DS0¹ (64 Kbps) channel. When cascading channelization is performed at different Hubbing locations, Interoffice Channel charges also apply between the Hubs.

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 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.

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. of this Tariff.

Note 1: *(DELETED)*

Note 2: *(DELETED)*

Note 3: *(DELETED)*

Note 4: See Section 2.1.4 for Service availability.

(C)

(N)

E7. DEDICATED ACCESS SERVICES

E7.4 Rate Regulations (Cont'd)

E7.4.9 Reserved for Future Use

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 (*a.k.a. BellSouth SPA High Capacity*) dedicated access 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.

Note 1: See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

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)

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.

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 (a.k.a. BellSouth SPA DS0 VG) and Digital (a.k.a. BellSouth SPA DS0 Digital Data). 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.

(N)

E7. DEDICATED ACCESS SERVICES

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 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 four legs).
- e. Subrate Reconfiguration Capability is an option that provides the customer the ability to control all ports of a subrate multiplexer within a FlexServ® service (*a.k.a. BellSouth SPA Customer Reconfiguration*) arrangement. This control includes both the DS0B channel and DS0A legs. The speeds for subrates are 2.4, 4.8, and 9.6 Kbps (does not include 19.2 Kbps). The customer has the responsibility to establish a subrate system using previously acquired DS0 ports.
- f. Reconfigurations by Company Personnel: The customer may request that Company personnel intervene to perform reconfigurations that the customer could otherwise perform without the direct intervention of Company personnel.

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

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

The agent will be authorized to represent each of those customers in all transactions and communications with the Company regarding the shared FlexServ® service (*a.k.a. BellSouth SPA Customer Reconfiguration*) arrangement or circuits included in that arrangement including reconfigurations, monitoring, ordering of additional dedicated access services and FlexServ® service (*a.k.a. BellSouth SPA Customer Reconfiguration*) options in the arrangement, and removal of dedicated 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.

Note 1: See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

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)

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 the agent or another customer in the shared arrangement, including, but not limited to, the cost of defending against such claims.

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

5. Access Collocation Cross-Connects

Access Collocation Cross-Connects provide a means for customers to interconnect their FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) 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.

B. Application of Rates

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

a. Connection of Dedicated Access Services 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 dedicated 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 following.

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

a. Additional Concurrent User Access

For each Additional Concurrent User Access a nonrecurring charge and a recurring monthly rate applies.

b. Additional User Identification Codes

A nonrecurring charge applies for each additional ID requested.

c. Additional Customer Training

Any additional training will incur a nonrecurring charge for each eight (8) hour day of training.

d. Multipoint Bridging

Multipoint Bridging (DMB)

There will be a nonrecurring charge and a monthly rate for each DS0 or equivalent that is equipped with this capability.

Multipoint Junction Unit

A nonrecurring charge and a monthly rate applies for each DS0 or equivalent that is equipped with this capability.

This option must be purchased in groups of 5 because a unit has the capacity of 5 DS0 or equivalent channel connections.

e. Subrate Reconfiguration

There will be a nonrecurring charge for each DS0 equipped DS0B and a nonrecurring charge and a monthly rate will apply for each set of DS0As. The DS0A rates apply in sets of five for 9.6 Kbps, in sets of ten for 4.8 Kbps, and in sets of twenty for 2.4 Kbps.

f. Reconfigurations by the Company Personnel

A nonrecurring charge is applicable on each occasion, when the customer requests Company personnel to perform a reconfiguration or a series of reconfigurations in order to set up point-to-point or multipoint connections, to provide a status report or to establish a conference.

Note 1: See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

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)

3. Contract Plans

Contract rates for FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) are available in E7.5.16 under conditions specified in the Channel Services Payment Plan in E2.4 of this Tariff.

Termination Liability is applicable at the date of termination. The applicable charge will be fifty percent (50%) for contracts that have been in effect twelve months (12) or less, or twenty percent (20%) for contracts that have been in effect longer than twelve months (12). Termination Liability will not apply for customer requests for moves of service under CSPP subject to the provisions set forth in E2.4.9.A.8 preceding.

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

A. Application of Rates

The derived data channel charges provide the central office data/voice multiplexing capability. The customer must also subscribe to a compatible two-wire local exchange line (e.g., business exchange line, ESSX service, Digital ESSX service, MultiServ service, MultiServ PLUS service, or BellSouth Centrex 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 SMARTRing² service (a.k.a. BellSouth Dedicated Ring)

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

1. Monthly rates and charges as specified in E7.5.18 following apply for each SMARTRing service (a.k.a. BellSouth Dedicated Ring). Customers must specify network capacity at the time of the initial order. In an Overlay Ring Arrangement where a customer's overlaying SMARTRing service (a.k.a. BellSouth Dedicated Ring) rides the customer's host SMARTRing service (a.k.a. BellSouth Dedicated Ring), the overlay ring will share the transport of the host ring between common node locations. Rate categories at OC-3, OC-3+, OC-12, OC-24, OC-48, OC-48+, OC-192 and OC-192+ capacity levels include Customer Nodes, Central Office Nodes, Local Channels, Alternate Central Office Channels, Interoffice Channels and Internodal Channels. OC-24 SMARTRing service (a.k.a. BellSouth Dedicated Ring) is only available to existing CSPP customers or under month-to-month arrangements. Rate categories for OC-1 SMARTRing service (a.k.a. BellSouth Dedicated Ring) include Customer Nodes and Central Office Nodes. Channel Interfaces are required at each node on the network and must be associated with a SMARTRing service (a.k.a. BellSouth Dedicated Ring). An OC-1 Overlay Ring Arrangement requires an OC-1 Channel Interface at each node involved. An OC-3 Overlay Ring Arrangement requires an OC-3 Channel Interface at each node involved. An OC-3+ or OC-12 Overlay Ring Arrangement requires an OC-12 Channel Interface at each node involved. An OC-48 or OC-48+ Overlay Ring Arrangement requires an OC-48 Channel Interface at each node involved. In Overlay Ring Arrangements, the customer must order a Channel Interface for each entry to or exit from the host ring. In all other situations, the number of Channel Interfaces ordered will depend on whether the customer desires a working interface, or a working interface and a protection interface. The quantity of channel interfaces ordered may not exceed the capacity ordered. When a 28 DS1 Channel System is utilized to activate DS1 channels, the appropriate number of DS1 Channel Interfaces are required in lieu of an originating or terminating DS3 or STS-1 Channel Interface.

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

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

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

Note 3: See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

E7.4 Rate Regulations (Cont'd)

E7.4.15 Zone Pricing⁽¹⁾

(C)

- A. 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 Channels 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 Channels, which terminate in offices in different zones will carry the higher rate. When interoffice channels are provided by more than one Telephone Company, this Company's portion of the circuit will be billed at the Zone Rate of this Company's central office, and the other Telephone Company's portion of that circuit will be billed in accordance with that Company's tariff, pursuant to E2.4.8. Channelization rates will be determined by the location of the channelization arrangement.

E7.4.16 Reserved for Future Use

(1) See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

E7.4 Rate Regulations (Cont'd)

E7.4.16 (DELETED)

E7.4.17 SMARTPath Service (a.k.a. BellSouth SPA Shared Ring)⁽³⁾

(C)

A. Application of Rates

Monthly rates and charges as specified in E7.5.17 apply for each SMARTPath service (a.k.a. BellSouth SPA Shared Ring). The transport provided within a SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area is provided at 1.544 Mbps. Rate categories include a SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Connection, and a SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Junction.

The SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Connection rate element provides for the connection at the designated premises where the customer gains access to SMARTPath service (a.k.a. BellSouth SPA Shared Ring) and transport to a designated junction on the network. The SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Junction rate element provides for the connection between the SMARTPath service (a.k.a. BellSouth SPA Shared Ring) network and (1) another customer designated premises, in the same SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area or (2) a serving wire center in the same SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area for connection to (a) DS1 Basic Channelization, FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration), Virtual Expanded Interconnection Services under Section E20. SMARTRing² service (a.k.a. BellSouth Dedicated Ring or DS3 service as provided in Section E7, or (b) a SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Junction of another SMARTPath service (a.k.a. BellSouth SPA Shared Ring) area in the same Metropolitan Area.

Recurring and nonrecurring charges apply for each SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Connection and SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Junction.

SMARTPath service (a.k.a. BellSouth SPA Shared Ring) is available under several payment plans: Month-to-month (with a 4 month minimum), Plan A (24-48 Months)¹, or Plan B (49-72 Months)¹. Plan A and Plan B are provided under conditions specified in the Channel Services Payment Plan (CSPP) E2.4.9.A.

The rates applicable to a month-to-month payment plan are subject to Company initiated changes. Rates stabilized under CSPP are exempt from Company initiated increases, however, decreases for any rate element will automatically flow through to the customer.

A SMARTPath service (a.k.a. BellSouth SPA Shared Ring) performance credit, as specified in E2.4.4.B will apply.

A termination liability charge will be applicable if services provided under a CSPP arrangement are disconnected prior to the end of the chosen service period. The termination charge is equal to the applicable rate per rate element for the current contract multiplied by the difference in months between the time the CSPP contract has been in effect and the minimum contract length multiplied times a factor. The factor is 50 percent 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.

Note 1: Effective March 23, 2019, Customers may not convert, renew, or establish CSPPs longer than 36 months for SMARTPath Service.

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)

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)

E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service⁽⁶⁾

(C)

A. Local Channel

1. Per Point of Termination

		Monthly Rate			Nonrecurring Charge		USOC
		Rate Zone 1	Rate Zone 2	Rate Zone 3	First	Additional	
(a)	1.544 Mbps	\$145.00	\$145.00	\$145.00	\$745.00	\$335.00	TMECS
(b)	3.152 Mbps ¹	-	-	-	-	-	1XA++
(c)	6.312 Mbps ¹	-	-	-	-	-	1X6++
(d)	44.736 Mbps ¹	-	-	-	-	-	1X8++

2. 1.544 Mbps Contract Rates

		Nonrecurring Charge		USOC	
		First	Additional		
(a)	Per Point of Termination ²	\$745.00	\$335.00	-	
		Monthly Rate			
		24 to 48 Months ^{3, 4, 5}	49 to 72 Months ^{3, 4}	73 to 96 Months ^{3, 4}	USOC
(b)	Rate Zone 1	\$138.00	\$136.00	\$134.00	TMECS
(c)	Rate Zone 2	138.00	136.00	134.00	TMECS
(d)	Rate Zone 3	138.00	136.00	134.00	TMECS

Note 1: ICB rates and charges apply.

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

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

Note 4: 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)

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)

E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽⁶⁾

(C)

B. Interoffice Channel

1. 1.544 Mbps

Mileage Bands

	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) 0 mile	\$-	\$-	\$-	\$-	\$-		
(b) 1 thru 8 miles	64.35	64.35	64.35	26.00	26.00	26.00	200.00	1L5XX
(c) 9 thru 25 miles	64.35	64.35	64.35	25.00	25.00	25.00	200.00	1L5XX
(d) Over 25 miles	64.35	64.35	64.35	24.00	24.00	24.00	200.00	1L5XX

2. 1.544 Mbps

Mileage Bands

a. Contract Rates¹

(1) Per Channel, 0 Mile

	Nonrecurring Charge	Fixed Monthly Charge				USOC
		24 to 48 Months ^{2,3,4}	49 to 72 Months ^{2,3}	73 to 96 Months ^{2,3}		
(a) Rate Zone 1	\$-	\$-	\$-	\$-	1L5XX	
(b) Rate Zone 2	200.00	59.75	-	-	1L5XX	
(c) Rate Zone 3	200.00	59.75	-	-	1L5XX	
(2) Per Channel, 1 thru 8 miles						
(a) Rate Zone 1	200.00	59.75	20.00	18.00	16.00	1L5XX
(b) Rate Zone 2	200.00	59.75	20.00	18.00	16.00	1L5XX
(c) Rate Zone 3	200.00	59.75	20.00	18.00	16.00	1L5XX
(3) Per Channel, 9 thru 25 miles						
(a) Rate Zone 1	200.00	59.75	19.00	17.00	15.00	1L5XX
(b) Rate Zone 2	200.00	59.75	19.00	17.00	15.00	1L5XX
(c) Rate Zone 3	200.00	59.75	19.00	17.00	15.00	1L5XX
(4) Per Channel, Over 25 Miles						
(a) Rate Zone 1	200.00	59.75	18.00	16.00	14.00	1L5XX
(b) Rate Zone 2	200.00	59.75	18.00	16.00	14.00	1L5XX
(c) Rate Zone 3	200.00	59.75	18.00	16.00	14.00	1L5XX

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

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

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

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

Note 5: See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)

E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽⁷⁾

(C)

C. Optional Features and Functions

1. Channelization

a. DS3 Channelization

(1) DS3 to DS1

(a) Per arrangement¹

b. DS2 Channelization

(1) DS2 to DS1

(a) Per arrangement¹

c. DS1C Channelization

(1) DS1C to DS1

(a) Per arrangement²

d. DS1 Channelization

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

(a) Per System

e. DS0 Channelization⁴

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

(Per System)

(a) Maximum of 20, 2.4 Kbps services

(b) Maximum of 10, 4.8 Kbps services

(c) Maximum of 5, 9.6 Kbps services

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 Interface¹

(a) Asynchronous

(b) Synchronous

Monthly Nonrecurring

Rate	Charge	USOC
\$-	\$-	MXB++

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

-	-	MXH++
---	---	-------

Monthly Rate

Rate	Rate	Rate	Nonrecurring	USOC
Zone 1	Zone 2	Zone 3	Charge	
\$210.00	\$210.00	\$210.00	\$135.00	MQ1

Monthly Nonrecurring

Rate	Charge	USOC
\$120.00	\$135.00	QSU24
120.00	135.00	QSU48
120.00	135.00	QSU96

Nonrecurring	Month To	24 to 48	49 to 72	73 to 96	USOC
Charge	Month	Months ^{3,4,5,6}	Months ^{3,4}	Months ^{3,4}	
\$155.00	\$12.00	\$8.00	\$7.00	\$6.00	1D3CA
130.00	36.00	31.00	28.00	25.00	1D3CS

295.00	17.00	13.00	13.00	13.00	1D3DA
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245.00	45.00	36.00	33.00	30.00	1D3DS
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Note 1: Contract rates are flexible to allow customer choice of payment period per E2.4.9

Note 2: An additional Local Channel charge will apply whenever the spare line is provided as a leg to the customer premises. This feature may not be available with lines utilizing the Clear Channel Capability line code (B8ZS).

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

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

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

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

Note 7: See Section 2.1.7 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

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 (Cont'd)

2. Channel Interfaces (Per Interface) (Cont'd)

b. Sub-DS1 Interfaces

(1) VG/DS0 Level Central Office Channel Interface¹

	Nonrecurring Charge		Month	
	First	Each Additional	to Month	USOC
(a) BellSouth® SWA	\$ 0.00	\$ 0.00	\$ 0.00	1D1SW
(b) Telegraph ² (BellSouth® SPA Telegraph)	7.00	6.00	5.00	1D1TE
(c) Voice ² (BellSouth® SPA DSO VG)	7.00	6.00	9.00	1D1VG
(d) DDAS ² (BellSouth® SPA DSO Digital Data)	7.00	6.00	13.00	1D1DD

c. Sub-DS0 Interfaces²

(1) Subrate Central Office Channel Interface¹

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

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

Per DS1/1.544 Mbps High Capacity Channel optioned as:

(a) Superframe Format (SF)	-	-	655.00	CCOSF
(b) Extended Superframe Format (ESF)	-	-	655.00	CCOEF

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

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)

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)⁽³⁾

(C)

E7.5.14 (DELETED)

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 Months¹	43 to 60 Months¹	USOC
(a) Per channel at 2.4 Kbps	\$460.00	\$17.00	\$13.50	\$11.00	DAXPC
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	95.00	25.00	23.00	22.00	DAXPF
(b) Per mile	-	2.05	1.90	1.75	DAXPM

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

(N)

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)

E7.5.16 FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration)⁽³⁾

(C)

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

1. DS0 Channel Connections

	Nonrecurring Charge	Month To Month	24 to 48 Months ²	49 to 72 Months ²	73 to 96 Months ²	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

	Nonrecurring Charge	Month To Month	24 to 48 Months ²	49 to 72 Months ²	73 to 96 Months ²	USOC
(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 ¹	15.00	6.00	5.25	5.00	4.75	FSSFJ
(c) Multipoint Junction Unit, per 19.2 Kbps channel ¹	15.00	9.45	8.90	8.40	7.90	FSSF9

2. Subrate Reconfiguration Capability

	Nonrecurring Charge	Month To Month	24 to 48 Months ²	49 to 72 Months ²	73 to 96 Months ²	USOC
(a) Per DS0 equipped (DS0B)	\$45.00					DSLVB
(b) 9.6 Kbps, per DS0A requires 5	\$5.00	\$8.75	\$8.15	\$7.60	\$7.20	DSL9
(c) 4.8 Kbps, per DS0A requires 10	5.00	7.40	6.80	6.30	5.95	DSL4

Note 1: Must purchase in units of five.

Note 2: Effective March 23, 2019, Customers may not convert, renew or establish CSPPs for FlexServ Service.

Note 3: See Section 2.1.4 for Service availability.

(N)

E7. DEDICATED ACCESS SERVICES

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 (Cont'd)

	Nonrecurring Charge	Month To Month	24 to 48 Months ¹	49 to 72 Months ¹	73 to 96 Months ¹	USOC
(d) 2.4 Kbps, per DS0A requires 20	\$5.00	\$7.00	\$6.45	\$5.95	\$5.60	DLSL2
3. Additional Concurrent User Access						
(a) Per Additional User Access	125.00	68.00	60.00	57.00	54.00	FSSFU
4. Additional User Identification Codes						
					Nonrecurring Charge	USOC
(a) Per Additional Code					\$3.00	FSSFA
5. Additional Customer Training						
(a) Per eight hour day of training after initial installation					450.00	FSSFT
6. Reconfiguration by Company Personnel						
(a) Request for Company to perform reconfiguration activity					25.00	FSSRA

E7.5.17 SMARTPath Service (a.k.a. BellSouth SPA Shared Ring)

A. SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Connection

1. 1.544 Mbps

	Nonrecurring Charge First	Nonrecurring Charge Add'l	Month to Month	Plan A 24 to 48 Months ¹	Plan B 49 to 72 Months ¹	USOC
(a) Per SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Connection	\$430.00	\$140.00	\$420.00	\$295.00	\$280.00	TMJ1A

B. SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Junction

1. 1.544 Mbps

(a) Per Customer Designated Premises	430.00	140.00	138.00	90.00	70.00	TMJ1B
(b) Per Serving Wire Center Connection	430.00	140.00	70.00	35.00	30.00	TMJ1C

Note 1: Effective March 23, 2019, Customers may not convert, renew or establish CSPPs for FlexServ Service and may not convert, renew, or establish CSPPs longer than 36 months for SMARTPath Service.

Note 2: See Section 2.1.4 for Service availability.

(N)