

TARIFF DISTRIBUTION

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PURPOSE: North Carolina ~~CE~~ National grandfathering
of DS1/DS3 services

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Pending

E2. GENERAL REGULATIONS

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

E2.1.3 Liability (Cont'd)

- K. Transmission of Data (Cont'd)**
The Company's liability for damages or errors caused during the transmission of data over any of the Company's data facilities shall be limited to an amount equal to the proportionate charge for the service for the period during which the service was affected.
- L. Errors or Damages Caused by System Date Limitations**
The Company's liability for errors or damages resulting from the inability of the Company's systems to process dates, such as the Year 2000, shall be limited to an amount equal to the proportionate amount of the Company's billing for the period of service during which the errors or damages occur.
- M. Unauthorized Devices**
The Company shall not be held liable or responsible for any damage or harm that may occur as the result of unauthorized devices or the failure of the Company to detect unauthorized devices on the subscriber's line.

E2.1.4 Provision of Services

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

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

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

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

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

Effective November 1, 2025, High Capacity Service (a.k.a. BellSouth SPA High Capacity), SMARTPath (a.k.a. BellSouth SPA Shared Ring), 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 purposes only. 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)

E2.1.5 Installation and Termination of Services

The services provided under this Tariff (a) will include any entrance cable or drop wiring and wire or intrabuilding network cable to that point where provision is made for termination of the Company's outside distribution network facilities at a location of minimum penetration inside of the IC terminal location or End User premises and, (b) will be installed by the Company to such point of termination. This point of termination is defined as the Point of Interface at the IC terminal location and the Network Interface at the End User premises.

E2.1.6 Maintenance of Services

The services provided under this Tariff shall be maintained by the Company. The IC or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Company except with the written consent of the Company. The IC shall maintain all facilities provided by it. The Company shall not be responsible to end users for end-to-end service of which the services provided under this Tariff are part.

E2.1.7 Changes and Substitutions

- The Company may, where such action is reasonably required in the operation of its business:
- A. Substitute, change or rearrange any facilities used in providing service under this Tariff, including but not limited to:
 1. Substitution of different metallic facilities,
 2. Substitution of carrier or derived facilities for metallic facilities, used to provide other than metallic facilities, and
 3. Substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities,
 - B. Change minimum protection criteria,
 - C. Change operating or maintenance characteristics of facilities, or,
 - D. Change operation or procedures of the Company.

In case of any such substitution, change or rearrangement, the transmission parameters will be within the range as set forth in Section 6 of Tariff FCC No. 1 and Section E7. of this intrastate Tariff. The Company shall not be responsible if any such substitution, change or rearrangement renders any IC furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement materially affects the operating characteristics of the facility, the IC will be given adequate notice in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics.

E2.1.8 Refusal and Discontinuance of Service

- A. Unless the provisions of E2.2.2.B following apply, if the IC or End User fails to comply with the provisions of this Tariff, including any payments to be made by it on the dates and times herein specified, the Company may, on ten (10) calendar days written notice of noncompliance by Certified Mail or Overnight Delivery, refuse additional applications for service and/or refuse to complete any pending orders for service at any time thereafter. If the Company does not refuse additional applications for service on the date specified in the ten (10) day notice, and the IC's or End User's noncompliance continues, nothing contained herein shall preclude the Company's right to refuse additional applications for service without further notice.

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

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

1. For BellSouth® SWA Dedicated Interoffice Channels, Channelization Equipment, Switched Local Channel, Dedicated End Office Trunk Port Service, Dedicated Tandem Trunk Port, and Special Access (a.k.a. BellSouth® SPA) services, no credit shall be allowed for an interruption of less than twenty-four hours. The IC or End User shall be credited for an interruption of twenty-four hours or more at the rate of 1/30 of the monthly charge for the service for each period of twenty-four hours or major fraction thereof that the interruption continues from the time of notice to the Company that an interruption has occurred.

The monthly charges used to determine the credit shall be as follows:

- a. The monthly charge shall be the total of all the monthly rate element charges associated with the service:
 - For BellSouth® SWA Transport: Switched Local Channel, Dedicated End Office Trunk Port Service, Dedicated Tandem Trunk Port Service, BellSouth® SWA Dedicated Interoffice Channel, Channelization Equipment (if applicable) and any Optional Features and Functions
 - For Special Access (a.k.a. BellSouth® SPA) two-point services: two Local Channels, Interoffice Channel and Optional Features and Functions
- b. For BellSouth® SWA channelized services, the monthly charge shall be the total of all monthly rate elements 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 elements associated with the service (i.e., the Switched Local Channel, Switched Interoffice Channels, Channelization Equipment, including the Basic Channelization System on the facility to the Hub, if applicable).
- c. For BellSouth® Managed Shared Ring service, the monthly charge shall be the monthly charges associated with the service (e.g., Off-Net).
2. Credit allowances for interruptions to BellSouth® SWA service and BellSouth® Directory Assistance Access service apply only to the applicable monthly rates. In the case of service billed based upon actual usage, no credit allowance is applicable.
3. The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the monthly rate and the minimum monthly usage charge for the service interrupted in any one monthly billing period.
4. For certain Special Access (a.k.a. BellSouth® SPA) 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 interruption.
5. Service interruptions for Specialized Service or Arrangements provided under the provisions of Section E12. shall be administered in the same manner as those set forth in E2.4.4. of this Tariff, unless other regulations are specified with the individual case filing.
6. 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 service 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.
7. For BellSouth® Wavelength service, a credit for a service interruption of thirty minutes or more per occasion shall be 100 percent of the monthly charges for the BellSouth® Wavelength service. A customer must report the outage in order to receive service outage credit. The total credit received in any month shall not exceed the monthly rate for the service.

Note 1: See Section 2.1.4 for Service availability.

(N)

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E2. GENERAL REGULATIONS

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

E2.4.9 Optional Payment Plan (Cont'd)⁽¹⁾

(C)

A. Channel Services Payment Plan (Cont'd)

3. Additions

- a. Facilities can be added to an existing system where capacity permits. Additions of services or rate elements, for activating spare or unused capacities of a service under a CSPP arrangement will be coterminous with the existing CSPP arrangement.
- b. Additions of services or rate elements, i.e. new local channels, interoffice channels, etc., other than for activating spare or unused capacities, must be under a new CSPP arrangement at rates and charges as specified in 2. preceding.
- c. Termination charges for premature disconnection of added contractual services will apply as set forth under Disconnects as stated in 4. following.
- d. Additions under CSPP are exempt from Company-initiated rate changes for all payment periods longer than one month. However, decreases for any rate element will automatically flow through to the IC.
- e. Nonrecurring charges will apply when new channel equipment and/or facilities are added to an existing IC network.

4. Disconnects

- a. When a service or rate element, included under a CSPP arrangement, is disconnected prior to expiration of the selected service period, termination 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 an IC requested change to a higher order of a separately tariffed service, termination charges will not apply when:
 - the service period of the new CSPP arrangement for the higher order of service is a minimum 24 month service period or equals/exceeds the remaining service period of the disconnected arrangement, whichever is greater, and
 - the service orders to install the new higher order of service and disconnect the old service are related together and there is no lapse in service between installation of the higher order of service and disconnection of the existing service, and
 - the service orders are for the same IC 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

DS1 High Capacity (a.k.a. BellSouth SPA DS1)

Channels for use with BellSouth Managed Shared Ring

5. Moves of Equipment

- a. The appropriate nonrecurring charges for inside moves for items associated with channel services are applicable as specified in this and other Tariffs. This type movement will not affect the CSPP payment period.
- b. IC requests for moves of service(s) under CSPP, other than inside moves, will be subject to the conditions stated in 10. following.

Note 1: See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

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

E2.4.9 Optional Payment Plan (Cont'd)

C. Transport Payment Plan (Cont'd)⁽¹⁾

4. Disconnects (Cont'd)

c. (Cont'd)

- (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.***

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

Note 1: See Section 2.1.4 for Service availability.

(N)

E2. General Regulations

E2.6 Definitions (Cont'd)

BELLSOUTH DIRECTORY ASSISTANCE ACCESS (INTRASTATE)

The term "BellSouth Directory Assistance Access" denotes the provision of telephone numbers by a Company operator when the operator location is accessed by an End User by dialing (NPA) 555-1212.

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BELLSOUTH OPERATOR SERVICES SYSTEM LOCATION

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

BELLSOUTH ELECTRONIC WHITE PAGES LOCATION

The term "BellSouth Electronic White Pages Location" denotes a Company office where BellSouth Electronic White Pages Access Service is provided. BellSouth Electronic White Page locations are listed in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. No. 4.

BELLSOUTH SWA COMMON TRANSPORT

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

BELLSOUTH SWA DEDICATED TRANSPORT

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

BELLSOUTH SWA FGD SIGNALING

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

BIPOLAR WITH 8 ZERO SUBSTITUTION (B8ZS)

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

(C)

BIT

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

Note 1: See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

E2.6 Definitions (Cont'd)

CHARGEABLE CALL

See Access Minutes.

CLEAR CHANNEL CAPABILITY

The term "Clear Channel Capability" denotes the ~~ability to~~ transport twenty-four, ~~64.0~~ Kbps channels over a 1.544 Mbps High Capacity⁽¹⁾ service via B8ZS line code format.

(C)

Note 1: See Section 2.1.4 for Service availability.

(N)

E2. General Regulations

E2.6 Definitions (Cont'd)

DEMARCATIION POINT

The demarcation point is the point where the regulated Company's facilities end and the customer's premises wiring begins.

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)

Note 1: See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

E2.16 TDM to IP Transition

E2.16.1 General TDM to IP Transition Provisions⁽¹⁾

(C)

As a result of evolving network technology, the 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.

Product Name	Reference
Voice Grade (aka BellSouth SPA DS0 VG) Services	E7.2.1
Digital Data Access (aka BellSouth SPA DS0 Digital Data) Service	E7.2.2.A
High Capacity (aka BellSouth SPA High Capacity) Service (64 kbps, 3.152 and 6.312 Mbps)	E7.2.2.B
Derived Data Channel (aka BellSouth SPA Derived Data Channel) Service	E7.2.15
BellSouth SPA Customer Network Management (CNM) – FlexServ Service	E7.4.12

Effective Date	Exchange	Other Information
<u>Wire Center</u> 9/17/2021 WNSLNCLE	Winston-Salem	Distribution Area 2214-E

Note 1: See Section 2.1.4 for Service availability.

(N)

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

E5.2 Access Order (Cont'd)

E5.2.3 Cancellation of an Access Order (Cont'd)⁽²⁾

B. (Cont'd)

2. The critical dates tracked by the Company are as follows: (Cont'd)
 - g. Engineering Information Report Date (EIRD): The date the engineering group in another ISS area provides information to the primary engineering group.
 - h. Service Date (DD): The date on which service is to be made available to the IC. This is sometimes referred to as the Due Date.
 - i. Designed, Verified, and Assigned Date (DVA): The date by which field implementation groups must report that all documents and materials have been received.
 - j. Frame Continuity Date (FCD): Date on which frame-to-frame testing must be completed. This is sometimes referred to as the Facility Continuity Check Date.
 - k. Loop Assignment and Make-up Date (LAM): The date by which Local Loop Assignment and Make-up information must be available.
 - l. Confirming Design Layout Report Date (CDLRD): The date the Design Layout Report (DLR) is to be confirmed by the IC.
3. The percentage of the total provisioning cost incurred by the Company at a particular critical date varies by the type of service as shown in Section E5.2.3.5.
4. When an IC cancels an Access Order, or part of an Access Order, before the service date, the Company will apply cancellation charges to the order. Cancellation charges are calculated by multiplying all the nonrecurring charges associated with the order, or that part of the order being cancelled, by the percentage shown in Section E5.2.3.5 for the critical date last completed on the order.¹
5. Cancellation Charge Percentages
 - a. Cancellation Charge Percentages Listing No. 1

Type Service/

Critical

Dares

SPECIAL ACCESS (a.k.a BellSouth SPA)

WATS (a.k.a. BellSouth SPA)

Voice Grade (a.k.a. BellSouth SPA DS0 VG)

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

Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data)

BellSouth Metro Ethernet service

After:

Before:

APP

SID

SID

LAM

LAM

EIRD

EIRD

DLRD

DLRD

RID

RID

DVA

1.20%

4.50%

7.30%

10.70%

15.00%

20.00%

1.10%

4.30%

6.90%

10.20%

14.40%

19.50%

12.90%

29.20%

33.10%

35.50%

37.50%

42.90%

1.50%

4.60%

6.10%

9.20%

13.50%

18.60%

11.60%

33.10%

42.90%

44.80%

47.30%

53.10%

Note 1: As set forth in Section E5.2.3.C, when an IC cancels an order prior to the Design Layout Report Date, no cancellation charges shall apply.

Note 2: See Section 2.1.4 for Service availability.

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

E5.2 Access Order (Cont'd)

E5.2.3 Cancellation of an Access Order (Cont'd)⁽¹⁾

B. (Cont'd)

5. Cancellation Charge Percentages (Cont'd)
b. Cancellation Charge Percentages Listing No. 2

**Type Service/
Critical
Dares**

SPECIAL ACCESS (a.k.a BellSouth SPA)

WATS (a.k.a. BellSouth SPA)

Voice Grade (a.k.a. BellSouth SPA DS0 VG)

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

Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data)

BellSouth Metro Ethernet service

**After:
Before:**

**DVA
WOT**

**WOT
FCD**

**FCD
PTD**

**PTD
DD**

DD

WATS (a.k.a. BellSouth SPA)	29.50%	36.20%	51.80%	83.40%	100.00%
Voice Grade (a.k.a. BellSouth SPA DS0 VG)	29.40%	36.20%	52.00%	83.50%	100.00%
High Capacity (a.k.a. BellSouth SPA High Capacity)	55.70%	66.20%	69.90%	86.20%	100.00%
Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data)	28.50%	35.40%	46.20%	78.20%	100.00%
BellSouth Metro Ethernet service	53.10%	69.90%	85.60%	94.90%	100.00%

6. The provisions of Sections E5.2.3.B.1-5 above shall not apply to cancellations of Access Orders for AT&T Switched Ethernet Service. Cancellation charges for AT&T Switched Ethernet Service are applied based upon the tiered fee schedule outlined below. When a customer cancels an Access Order (or a part of an order) for AT&T Switched Ethernet Service, cancellation charges will apply, even when nonrecurring installation charges would otherwise be waived. Cancellation charges will be calculated based on the number of calendar days between the Company's receipt of the Access Order and the cancellation date. A cancellation charge will apply on a per port connection basis as shown in the table below:

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

- C. When a customer cancels an order service for BellSouth Dedicated Ring, SMARTRing service (a.k.a. BellSouth Dedicated Ring) or BellSouth Wavelength service prior to the beginning of the selected service period, the customer will be liable for all capital expenses incurred by the Telephone Company in provisioning the BellSouth Dedicated Ring, SMARTRing service (a.k.a. BellSouth Dedicated Ring) or BellSouth Wavelength service, as of the date the order is canceled by the customer. The charges billed to the customer will not exceed an amount equal to the minimum period for the service as set forth in Sections E7.4 and E29.1.2 of this **Guidebook** at the month-to-month rates set forth in Sections E7.5 and E29.1.6 of this **Guidebook**. Such charges will be billed in addition to and subsequent to the cancellation charges set forth in Section E5.2.3.B.
- D. When an IC cancels an order for the discontinuance of service, no charges apply for the cancellation.
- E. If the Company misses a service date by more than thirty days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the IC may cancel the Access Order without incurring cancellation charges.

E5.2.4 Selection of Facilities For Access Orders

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

E5.2.5 Minimum Period

- A. Except as set forth preceding, and in Sections E5.2.5.B., C., D., E., H. and I and E9.4.3 of this Guidebook, the minimum period for which Access Service is provided and for which charges are applicable is six months.
- B. The minimum period for which Access Service ordered under a Short Notice Interval is provided, and for which charges are applicable, is one month.
- C. Except as set forth in Section E2.4.9 of this Guidebook, the minimum period for analog and digital high capacity services (facilities) to a Hub is twenty-four months. The twenty-four month minimum period applies in lieu of the normal minimum six month period because the activation date and service date on such orders are always the same date.

Note 1: See Section 2.1.4 for Service availability.

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

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Note 1: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

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Note 1: (DELETED)

Note 2: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

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Note 1: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.1 General

E7.1.1 Rate Categories (Cont'd)⁽¹⁾

(C)

C. Optional Features and Functions

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

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

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements
- *BellSouth SPA Customer Network Management (CNM)* - FlexServ service

Note 1: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.1 General (Cont'd)

E7.1.1 Rate Categories (Cont'd)⁽³⁾

(C)

E. (Cont'd)

Digital Data¹ (a.k.a. BellSouth SPA DS0 Digital Data) - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 Kbps.

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

Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) - a digital data channel, derived from a two-wire local exchange line, that transmits voice and data signals simultaneously. A Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) provides digital transmission of data at 2.4 Kbps.

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

The option also exists for 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 IC 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.

F. Virtual Collocation Cross-Connects

Virtual 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 virtual collocation arrangements. Virtual Collocation Cross-Connect rates and charges for these features are provided in E7.5 following.

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

Note 2: (DELETED)

Note 3: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.2 Service Descriptions for Special Access (a.k.a. BellSouth SPA) Service

E7.2.1 Special Access (a.k.a. BellSouth SPA) Service Categories⁽³⁾

(C)

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

- Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) (VG)
- Commercial Quality Video (a.k.a. BellSouth SPA Commercial Quality Video) (TV)
- Digital Data¹ (a.k.a. BellSouth SPA DS0 Digital Data) (DA)
- High Capacity (a.k.a. BellSouth SPA High Capacity) (HC)
- WATS Access Line¹ (a.k.a. BellSouth SPA WATS Line) (WAL)
- Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) service (DDCS)
- Self-Healing Rings (SMARTRing² service {a.k.a. BellSouth Dedicated Ring})

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 Access Collocation Cross-Connects and Virtual Access Collocation Cross-Connects are set forth in Section E13. of this Tariff for those services that are permitted to connect directly to a carrier's collocation space.

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

Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VG1. The first two letters of the code indicate the category of Special Access (a.k.a. BellSouth SPA) service to which the parameters are applicable. These two-letter codes are shown preceding in parentheses following the category of Special Access (a.k.a. BellSouth SPA) service. A 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 at the end of this E7.2.

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

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. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.2 Service Descriptions for Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

E7.2.1 Special Access (a.k.a. BellSouth SPA) Service Categories (Cont'd)⁽²⁾

(C)

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

(DELETED)		
(DELETED)		
Voice Grade ¹ (a.k.a. BellSouth SPA DS0-VG)		TR-NPL-000335
(DELETED)		
Digital Data Access ¹ (a.k.a. BellSouth SPA DS0 Digital Data)		TR-NPL-000341
For 2.4, 4.8, 9.6		BellCore PUB 62310
and 56.0 Kbps		
For 19.2 Kbps		INC. BULLETIN
		CB-INC-100
For 64.0 Kbps		AT&T PUB 62310
High Capacity (a.k.a. BellSouth SPA High Capacity)		TA-TSY-000342
WATS Access Line ¹ (a.k.a. BellSouth SPA WATS Line)		TR-NPL-000054
Commercial Quality Video (a.k.a. BellSouth SPA Commercial Quality Video)		BellSouth TR-73557
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. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.2 Service Descriptions for Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

E7.2.1 Special Access (a.k.a. BellSouth SPA) Service Categories (Cont'd)⁽²⁾

(C)

B. Voice Grade¹ (a.k.a. BellSouth SPA DS0 VG) Services (Cont'd)

4. Optional Features and Functions (Cont'd)

l. 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.

m. **BellSouth SPA Customer Network Management (CNM)** - FlexServ service

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

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	X				X		
D-Conditioning						X	X			X		
Central Office												
Bridging		X			X	X				X	X	X
Central Office												
Multiplexing						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					
BellSouth SPA CNM - FlexServ Service	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			
Selective Signaling												
Arrangement		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. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.2 Service Descriptions for Special Access (a.k.a. BellSouth SPA) Service (Cont'd)⁽²⁾ (C)

E7.2.2 Digital Services (Cont'd)

- A. Digital Data Access¹ (a.k.a. BellSouth SPA DS0 Digital Data) service (Cont'd)
4. Optional Features and Functions
- a. Central Office Bridging Capability
- b. ~~BellSouth SPA Customer Network Management (CNM)~~ - FlexServ service
- ~~BellSouth SPA CNM~~ - FlexServ service provides the IC the ability to monitor and reconfigure Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service (DDAS) provided by the Company. ~~BellSouth SPA CNM~~ - FlexServ service is described in E7.4.12 following. Charges for this feature are contained in E7.5.16 following.
- c.

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	
BellSouth SPA CNM - FlexServ Service	X	X	X	X	X	X
Secondary Channel Capability	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.

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

E7.2 Service Descriptions for Special Access (*a.k.a. BellSouth SPA*) Service (Cont'd)

E7.2.2 Digital Services (Cont'd)

B. High Capacity (*a.k.a. BellSouth SPA High Capacity*) Service⁽³⁾

(C)

1. Basic Channel Description

- a. 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. High Capacity (*a.k.a. BellSouth SPA High Capacity*) channels are provided between designated premises or between a customer designated premises and a Company Hub.
- b. 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 TR-NPL-000054.

2. Technical Specifications Packages

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

- a. 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 TR-NPL-000054.
- b. Further technical specifications are delineated in Technical Reference TA-TSY-000342.

3. Channel Interfaces

- a. 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	1.544Mbps (DS1)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps(DS3)
DS-63	6.312 Mbps (DS2)

- b. Compatible channel interfaces are set forth in Technical Reference TA-TSY-000342

4. Optional Features and Functions

a.

b. Transfer Arrangement

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

Note 1: 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 Hub(s). The IC 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. SPECIAL ACCESS (A.K.A BELLSOUTH SPA) SERVICE

E7.2 Service Descriptions for Special Access (*a.k.a. BellSouth SPA*) Service (Cont'd)

E7.2.2 Digital Services (Cont'd)

B. High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽³⁾

4. Optional Features and Functions (Cont'd)

c. Channelization

(1) DS3 to DS1

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

(2) DS2 to DS1

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

(3) DS1C to DS1

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

(4) DS1 Basic Channelization System

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

(5) DS0 Basic Channelization System²

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

d. Channel Interface

(1) DS1 Level Central Office Channel Interface

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

(2) 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.

(3) DS0 Level Central Office Channel Interface²

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.

(4) 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.

Note 1: **(DELETED)**

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

Note 3: See Section 2.1.4 for Service availability.

(C)

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.2 Service Descriptions for Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

E7.2.2 Digital Services (Cont'd)

B. High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽¹⁾

(C)

4. Optional Features and Functions (Cont'd)

e. Clear Channel Capability

- (1) 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.
- (2) 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 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.
- (3) When providing CCC via a DS3/44.736 Mbps High Capacity (a.k.a. BellSouth SPA DS3) channel, that DS3 channel must be designated, in Company records, as having Clear Channel Capability prior to the provisioning of a DS1/1.544 Mbps High Capacity (a.k.a. BellSouth SPA DS1) channel with CCC. Customers must agree to out-of-service periods required to add this feature to; 1) an existing DS1/1.544 Mbps High Capacity (a.k.a. BellSouth SPA DS1) channel or 2) a DS3/44.736 Mbps High Capacity (a.k.a. BellSouth SPA DS3) channel which transports a DS1/1.544 Mbps High Capacity (a.k.a. BellSouth SPA DS1) channel, to be optioned for B8ZS.

f. **BellSouth SPA Customer Network Management (CNM)** - FlexServ service

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

Note 1: See Section 2.1.4 for Service availability.

(N)

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

E7.2 Service Descriptions for Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

E7.2.2 Digital Services (Cont'd)

- C. High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd) ⁽³⁾
4. Optional Features and Functions (Cont'd)

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

	Available With Technical Specifications Package HC-				
	0	1	1C	2	3
Channelization					
DS3 to DS1				X	
DS1C to DS1				X	
DS1 Basic Channelization System			X		
DS0 Basic Channelization System ^{1, 2}			X		
Transfer Arrangement				X	
Clear Channel Capability				X	
BellSouth SPA CNM - FlexServ Service			X	X	

- Note 1: Available only on a 64.0 Kbps DDAS (a.k.a. BellSouth SPA DS0 Digital Data) service or on a DS1 (1.544 Mbps) channel with Clear Channel Capability to a Company Hub.
- Note 2: Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.
- Note 3: See Section 2.1.4 for Service availability.

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.2 Service Descriptions for Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

E7.2.14 (DELETED) (Cont'd)

E7.2.15 Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) Service (DDCS)⁽²⁾

(C)

A. Basic Service Description

Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) service provides full-duplex asynchronous or synchronous data transmission utilizing data over voice and subrate multiplexing technology. DDCS (a.k.a. BellSouth SPA Derived Data Channel) provides simultaneous data and voice transmissions at 2.4 Kbps over an end user's existing two-wire local exchange facility.

The central office data/voice terminating equipment provides subrate multiplexing into a standard DS0-B interface for a group composed of a maximum of twenty Derived Data Channels (a.k.a. BellSouth SPA Derived Data Channel). The Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) must be associated with a DS0-B Interface. An Interoffice Channel is required for interconnection of the subrate multiplexed DS0-B Interface to the IC's serving wire center when the end user's serving wire center and the IC's serving wire center are not the same. A four-wire Special Access digital facility is required to connect the DS0-B Interface to the IC's premises.

Customer Premises Equipment (CPE), provided by the end user, is required for DDCS (a.k.a. BellSouth SPA Derived Data Channel) and must be compatible with Company-provided terminating equipment at the central office.

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.

B. Channel Interfaces

The following Channel Interface (CI) defines the bit rate that is available with DDCS (a.k.a. BellSouth SPA Derived Data Channel).

CI	Bit Rate
2DV5.BA	2.4 Kbps, Derived Data Channel
Compatible channel interface specifications are contained in BellSouth Technical Reference Publication 73548 for data/voice multiplexing equipment and BellSouth Technical Reference Publication 73548, Addendum 1, for the DS0-B Interface. These publications are available from the Information Exchange Manager, BellSouth Telecommunications, Inc., Regional Documentations Coordinator, 20th Floor, 600, North 19th Street, Birmingham, Alabama 35203.	

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. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.3 Facility Interface Codes⁽²⁾

(C)

This section explains the facility interface codes set forth in E7.2.1 and E7.2.2 preceding that the IC can specify when ordering Special Access (a.k.a. BellSouth SPA) service. Included is an example which explains the specific characters of the code, a glossary of facility interface codes and impedance levels.

Example: If the IC specifies a 2DC8-3 facility interface at the IC terminal location, it is requesting the following:

- 2Number of Physical wires at IC terminal location
- DC.....Facility interface code for direct current or voltage
- 8Impedance
- 3Metallic¹ facilities (DC continuity) for DC/low frequency control signals or slow speed data (30 baud)

E7.3.1 Glossary of Facility Interface Codes and Options

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

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

E7.3 Facility Interface Codes (Cont'd)⁽²⁾

(C)

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

Code - Option	Definition
- 10	VF for NB4 and NB5
DC	Direct current or voltage
- 1	Monitoring interface with series RC combination (McCulloch format)
- 2	Company Energized alarm channel
- 3	Metallic ¹ facilities (DC continuity) for Direct Current/low frequency control signals or slow speed data (30 baud)
(DELETED)	
(DELETED)	
D0	Digital interface at IC terminal location at the digital signal level zero A (DS-0A)
DS	Digital hierarchy interface
- 1K	1.544 Mbps (DS1) ANSI Extended Superframe (ESF) format per TA-TSY-000342
- 1S	1.544 Mbps (DS1) ANSI Extended Superframe (ESF) format and B8ZS Clear Channel Capability per TA-TSY-000342
- 15	1.544 Mbps (DS1) Superframe (SF) format per TA-TSY-000342
- 15B	1.544 Mbps (DS1) Superframe (SF) format and B8ZS Clear Channel Capability per TA-TSY-000342
- 15E	8-bit PCM encoded in one 64 Kbps of the DS1 signal
- 15F	8-bit PCM encoded in two 64 Kbps of the DS1 signal
- 15G	8-bit PCM encoded in three 64 Kbps of the DS1 signal
- 15H	14/11-bit PCM encoded in six 64 Kbps of the DS1 signal
- 15J	1.544 Mbps format per PUB 41451 (only available to U. S. Govt. agencies)
- 31	3.152 Mbps (DS1C)
- 31L	3.152 Mbps (DS1C) with SF signaling
- 44	44.736 Mbps (DS3)
- 44L	44.736 Mbps (DS3) with SF signaling
- 63	6.312 Mbps (DS2)
- 63L	6.312 Mbps (DS2) with SF signaling

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. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.3 Facility Interface Codes (Cont'd)

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

(C)

Code - Option	Definition
DU	Digital access interface
- 19 (S) ¹	19.2 Kbps ²
- 24 (S) ¹	2.4 Kbps ²
- 48 (S) ¹	4.8 Kbps ²
- 56 (S) ¹	56.0 Kbps ²
- 64	64.0 Kbps ²
- 96 (S) ¹	9.6 Kbps ²
- 1KN	DS1 (1.544 Mbps) ANSI Extended Superframe (ESF) Format per TR-NPL-000054 without line power
- 1SN	DS1 (1.544 Mbps) ANSI Extended Superframe (ESF) Format per TR-NPL-000054, with B8ZS Clear Channel Capability and without line power
- A	DS1 1.544 Mbps free-framing format per PUB 41451 with line power (only available to U. S. Govt. agencies)
- AN	DS1 (1.544 Mbps) free-framing format per PUB 41451 without line power (only available to U. S. Govt. agencies)
- BN	DS1 (1.544 Mbps) Superframe (SF) Format per TR-NPL-000054 without line power
- 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
- BA	Derived Data Channel, 2.4 Kbps ²
- BC	Data Over Voice, 9.6 Kbps ²
Note 1:	(S) is an additional BellSouth designation for use when the optional Secondary Channel feature is required.
Note 2:	Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.
Note 3:	See Section 2.1.4 for Service availability.

(N)

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

E7.3 Facility Interface Codes (Cont'd)⁽²⁾

(C)

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

Code - Option	Definition
- 8	Nominal frequency from 50 to 8,000 Hz
RV	Reverse battery signaling
- 0	One way operation, originate at IC
- T	Reverse battery signaling, one way operation, terminate function by IC or end user
SF	Single frequency signaling within VF band at either IC point of interface or end user network interface
TF	Telephotograph ¹ interface
TT	Telegraph ¹ /teletypewriter interface at either IC point of interface or end user network interface
- 2	20.0 milliamperes
- 3	3.0 milliamperes
- 6	62.5 milliamperes
TV	Television interface
- 3	Commercial Quality Video (<i>a.k.a. BellSouth SPA Commercial Quality Video</i>) and two 15 kHz audio signals

E7.3.2 Impedance

The nominal reference impedance with which the IC or end user will terminate the channel for the purposes of evaluating transmission performance.

Value (ohms)	Code(s)
110	0
150	1
600	2
900	3
1200	4
135	5
75	6
124	7
Variable	8
100	9

E7.3.3 Digital Hierarchy Facility Interface Codes (4DS9-*)

This facility interface is available only to ICs that select the channelized four-wire DSX-1 or higher facility interface option at the IC terminallocation and provide subsequent system and channel assignment data.

The various digital bit rates in the digital hierarchy employ the facility interface code 4DS9 plus the speed options indicated following:

Interface Code and Speed Option	Normal Bit Rate (Mbps)	Digital Hierarchy Level
4DS9-15	1.54	DS1
4DS9-31	3.15	DS1C
4DS0-63	6.31	DS2
4DS6-44	44.74	DS3

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. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.4 Rate Regulations

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

E7.4.1 Types of Rates and Charges⁽⁸⁾

- A. There are two types of rates and charges. These are monthly rates and nonrecurring charges. In addition, there are three types of nonrecurring charges. The rates and charges are described as follows:

1. Monthly Rates

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

Digital Data Access⁽³⁾ (a.k.a. BellSouth SPA DS0 Digital Data) service is offered under two contract plans. Contract plan rates are available in payment periods from 24 to 42 months and in payment periods 43 to 72 months under conditions specified in the Channel Services Payment Plan (CSPP) in E2.4 of this Tariff.

A termination charge is applicable at the date of termination if the IC terminates or disconnects the service prior to fulfilling the period of the contract plan except as specified in b. and c. following. The termination charge is determined by multiplying the contracted monthly rates 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 a. following.

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

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

- **(DELETED)**

- Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service⁽¹⁾⁽³⁾

- High Capacity^{6, 7} (a.k.a. BellSouth SPA High Capacity) service

- SMARTRing⁽⁵⁾ service (a.k.a. BellSouth Dedicated Ring)

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

- BellSouth SPA CNM - FlexServ service

- BellSouth Metro Ethernet⁽⁴⁾ service

- a. An IC subscribes to Digital Data Access⁽³⁾ (a.k.a. BellSouth SPA DS0 Digital Data) service using the 24 to 42 month payment plan. The contract plan period is for 30 months. The subscriber terminates the service after 12 months. The total liability is 30 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 12 months. Therefore, the termination charge is fifty percent (50%) of this amount calculated as follows:

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

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

Note 2: **(DELETED)**

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

Note 4: Effective on or after August 22, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after March 31, 2023.

Note 5: Effective on or after December 1, 2021, neither new nor existing customers will be permitted to purchase new SMARTRing Service (Service). In addition, (A) Service Payment Plans greater than 12-months in length will no longer be available; and (B) requests to move, add, change, upgrade, or downgrade existing service arrangements will not be accepted, with the following exceptions: (1) existing customers will be permitted to modify their existing Service and will be able to add new circuits to their existing Service, but will not be permitted to add new nodes in any locations; and (2) any such new circuits will be subject to the customer's existing term payment plan or term agreement for the Service to which they are added. Following the expiration of a customer's existing term agreement, Service will be provided on a month-to-month basis at the applicable Month-to-Month rates until the Service is discontinued.

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

Note 6: 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 7: 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 8: See Section 2.1.4 for Service availability.

(C)

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.4 Rate Regulations (Cont'd)

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

A. (Cont'd)

1. (Cont'd)

- b. A termination charge will not be applicable at the date of termination if the IC terminates or disconnects the service prior to fulfilling the period of the contract plan for IC requested changes to a higher order of service covered by the CSPP as specified in E2.4.9.A.4.b. of this Tariff or IC requested changes to services not covered by the CSPP that are offered by the Company under a contract payment plan provided that the applicable conditions set forth in E2.4.9.A.4.b. of this Tariff are satisfied.
- c. Termination charges will not apply for IC requests for moves of service under CSPP subject to the provisions set forth in E2.4.9.A.10. preceding.

2. (DELETED)

3. Nonrecurring Charges⁽²⁾

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 charges.

One nonrecurring charge is applicable for each individual DS1 level Central Office or Customer Channel Interface and is in addition to any other applicable charges.

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

- Installation of service,
- Installation of feature(s) and/or function(s), and
- Service rearrangements

a. Installation of Service

Nonrecurring charges apply to each service installed. When multiple identical services (i.e., services between the same locations and for the same customer) are ordered and installed at the same time, there is a charge for the first service installed and a lower charge for each additional identical service installed. Nonrecurring charges for the installation of all Services but Dedicated Access Line Service apply per service termination (i.e., IC terminal location and end user's premises).

(DELETED)

b. Installation of Features and Functions

Nonrecurring charges apply for the installation of the various features and functions available with Special Access (a.k.a. BellSouth SPA) service. For some features and functions there is a lower charge if installed coincident with the service and a higher charge if installed subsequent to the service.

c. Service Rearrangements

- (1) Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in E5.2.5.E. preceding or a change in the physical location of the point of the termination at a customer designated premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of the termination are treated as moves and are described and charged for as set forth in 2.c.(4) following. A change which results from a transfer of service is described and charged as set forth in d. and E7.5.13 following.

If there is a relocation of the demarcation point, it will be subject to FCC Rules and Regulations as specified in Part 68.

- (2) The charge to the IC for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

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.

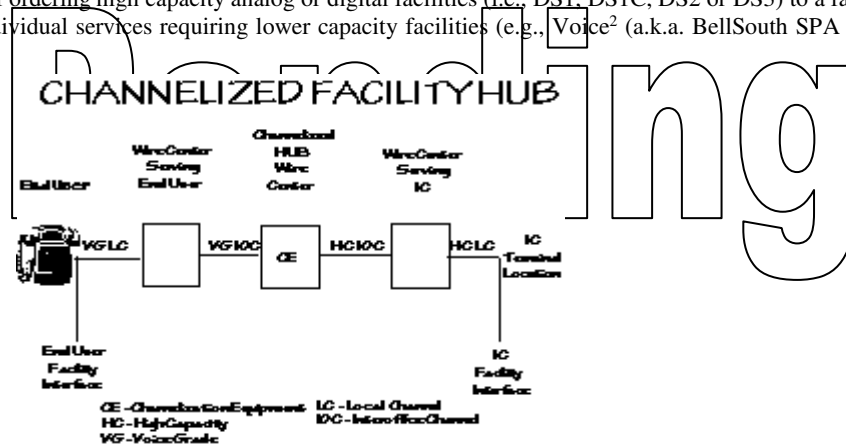
Note 2: See Section 2.1.4 for Service availability.

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.4 Rate Regulations (Cont'd)

E7.4.7 Facility Hubs⁽⁴⁾

1. An IC has the option of ordering high capacity analog or digital facilities (i.e., DS1, DS1C, DS2 or DS3) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Voice² (a.k.a. BellSouth SPA DS0 VG), etc.).



2. The Company will designate the facility Hub locations. 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. The IC will choose the desired Hub from a list that the Company will make available.
3. Some of the types of channelization provided include the following:
 - From higher to lower bit rate
 - From higher to lower bandwidth
 - From digital to Voice Grade² (a.k.a. BellSouth SPA DS0 VG) service
4. The transmission performance for the end to end service provided from the IC terminal location to the end user premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps service is channelized to voice frequency channels, the transmission performance will be voice grade², not high capacity.
5. The Company will commence billing the monthly rate for the Local Channel and the Interoffice Channel for the high capacity facility to the Hub as soon as it is provided, even though individual services utilizing those facilities may not be ordered and installed until a later date. If the IC has designated the type of channelization to be provided, the nonrecurring charge for the Basic Channelization System will be billed to the IC at that time and the billing for the monthly rate will begin. DS1 and DS0 Basic Channelization Systems² require a Central Office Channel Interface for activation of each lesser capacity channel. DS3 to DS1 channelization arrangements, for transport of intrastate DS1 service high capacity channels via services such as LightGate service (a.k.a. BellSouth SPA Point to Point Network) and SMARTRing³ service (a.k.a. BellSouth SPA Dedicated Ring), require a DS1 channel interface for activation of each DS1 channel.
6. Individual service rates (by service type) will apply for the Local Channel, and additional Interoffice Channel and Central Office Channel Interface(s) (as required) for each channelized service. These will be billed to the IC as each individual service is installed.

Note 1: (DELETED)

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

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

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

Note 4: See Section 2.1.4 for Service availability.

(C)

(N)

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

E7.4 Rate Regulations (Cont'd)

E7.4.8 Shared Use Analog and Digital High Capacity Services⁽⁴⁾

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.

(C)

Note 1: (DELETED)

Note 2: (DELETED)

Note 3: (DELETED)

Note 4: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.4 Rate Regulations (Cont'd)

E7.4.8 Shared Use Analog and Digital High Capacity Services (Cont'd)⁽⁴⁾

(C)

Pending

E7.4.9 Reserved for Future Use

E7.4.10 Multijurisdictional WATS Access Line¹ (a.k.a. BellSouth SPA WATS Line) "1+" and "0" IntraLATA Usage

"1+" and "0" intraLATA usage carried over outward WATS Access Lines (a.k.a. BellSouth SPA WATS Line) having both intra and interstate capability (multijurisdictional) and provided from the BellSouth Telecommunications, Inc. Tariff FCC No. 1 or other appropriate Local Exchange Carrier (LEC) interstate tariff, will be completed over LEC facilities at LEC intraLATA outward WATS (a.k.a. BellSouth SPA WATS Line) rates and subject to rules and regulations applicable to LEC intraLATA outward WATS (a.k.a. BellSouth SPA WATS Line). The "1+" and "0" intraLATA usage will be billed to the customer (end user or IXC) where the closed end of the Multijurisdictional WATS Access Line (a.k.a. BellSouth SPA WATS Line) is terminated. Customer billing information must be provided to the Company at the time the Multijurisdictional WATS Access Line (a.k.a. BellSouth SPA WATS Line) is ordered when the Company is used to complete intraLATA calls.

Note 1: (DELETED)

Note 2: (DELETED)

Note 3: (DELETED)

Note 4: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.4 Rate Regulations (Cont'd)

E7.4.11 Reserved for Future Use

E7.4.12 *BellSouth SPA Customer Network Management (CNM) - FlexServ Service*⁽¹⁾

(C)

A. General

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

1. Basic **BellSouth SPA CNM - FlexServ** service

Basic **BellSouth SPA CNM - FlexServ** service includes monitoring and reconfiguration of the customer's special access services equipped with **BellSouth SPA CNM - FlexServ** service.

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 **BellSouth SPA CNM - FlexServ** service. 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 **BellSouth SPA CNM - FlexServ** service options to or from each others of like kind at a central office or central offices where the customer has purchased **BellSouth SPA CNM - FlexServ** service. 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 **BellSouth SPA CNM - FlexServ** service.

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 **BellSouth SPA CNM - FlexServ** service 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.

Note 1: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.4 Rate Regulations (Cont'd)

E7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service (Cont'd)⁽²⁾

(C)

A. General (Cont'd)

1. Basic BellSouth SPA CNM - FlexServ service (Cont'd)

With the customer's initial order for basic BellSouth SPA CNM - FlexServ service, the Company provides the capability for "User Access" for monitoring and reconfiguration signals. One customer identification code with password security is included with such access.

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

Reconfiguration and monitoring are not available during the performance of routine maintenance of the Company's facilities and equipment used to provide BellSouth SPA CNM - FlexServ service.

The Local and Interoffice Channels which are terminated into BellSouth SPA CNM - FlexServ service 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 BellSouth SPA CNM - FlexServ service switching option connected.

BellSouth SPA CNM - FlexServ service 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 BellSouth SPA CNM - FlexServ service - 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. BellSouth SPA CNM - FlexServ service 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, A32.1.2.

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 Access¹ to BellSouth SPA CNM - FlexServ service then the customer must also order an additional Security Card¹ from the General Subscriber Service Tariff, A32.1.2.

Note 1: Effective November 1, 2008, the security card and dial access options are no longer available new customer subscriptions. Existing customers may continue using these options but new orders will not be accepted.

Note 2: See Section 2.1.4 for Service availability.

(N)

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

E7.4 Rate Regulations (Cont'd)

E7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service (Cont'd)⁽¹⁾

(C)

A. General (Cont'd)

3. **BellSouth SPA CNM** - 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 **BellSouth SPA CNM** - FlexServ service. 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 **BellSouth SPA CNM** - FlexServ service.
 - (1) Multipoint Bridging, sometimes referred to as "DMB", is an option on voice grade (a.k.a. BellSouth SPA DS0 VG) service that allows the customer the capability to perform reconfigurations that cross-connect or bridge three or more channels in the **BellSouth SPA CNM** - FlexServ service 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. **Substrate Reconfiguration Capability** is an option that provides the customer the ability to control all ports of a substrate multiplexer within a **BellSouth SPA CNM** - FlexServ service arrangement. This control includes both the DS0B channel and DS0A legs. The speeds for substrates are 2.4, 4.8, and 9.6 Kbps (does not include 19.2 Kbps). The customer has the responsibility to establish a substrate 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 **BellSouth SPA CNM** - FlexServ service Arrangement

Multiple customers may include circuits with the **BellSouth SPA CNM** - FlexServ service option in the same FlexServ service arrangement, provided all customers designate in writing the same party to serve as their agent. A **BellSouth SPA CNM** - FlexServ service) arrangement consists of all special access (a.k.a. BellSouth SPA) services with **BellSouth SPA CNM** - FlexServ service 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 **BellSouth SPA CNM** - FlexServ service arrangement or circuits included in that arrangement including reconfigurations, monitoring, ordering of additional special access services and **BellSouth SPA CNM** - FlexServ service options in the arrangement, and removal of special access services from the arrangement. The Company will not process any customer orders or requests affecting that arrangement of circuits included in that arrangement except those submitted to the Company by the agent.

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

Note 1: See Section 2.1.4 for Service availability.

(N)

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

E7.4 Rate Regulations (Cont'd)

E7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service (Cont'd)⁽¹⁾

(C)

A. General (Cont'd)

4. Shared BellSouth SPA CNM - FlexServ Service Arrangement (Cont'd)

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

5. Access Collocation Cross-Connects

Access Collocation Cross-Connects provides a means for customers to interconnect their **BellSouth SPA CNM - FlexServ** service 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 BellSouth SPA CNM - FlexServ Service

a. Connection of Special Access (a.k.a. BellSouth SPA) service to Reconfiguration and Alarm Monitoring Capability.

A DS0/DS1/DS3 nonrecurring Connection Charge and a recurring monthly rate is required for each entrance termination and exit termination of a special access channel to reconfiguration and monitoring capability.

Charges for Access to **BellSouth SPA CNM - FlexServ** service are contained in E7.5.16.

2. BellSouth SPA CNM - FlexServ Service 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 five because a unit has the capacity of five DS0 or equivalent channel connections.

e. Subrate Reconfiguration

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

Note 1: See Section 2.1.4 for Service availability.

(N)

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

E7.4 Rate Regulations (Cont'd)

E7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service (Cont'd)⁽¹⁾

(C)

- B. Application of Rates (Cont'd)
2. **BellSouth SPA CNM - FlexServ Service Options (Cont'd)**
 - f. Reconfigurations by the Company Personnel
A nonrecurring charge is applicable on each occasion, when the customer requests Company personnel to perform a reconfiguration or a series of reconfigurations in order to set up point-to-point or multipoint connections, to provide a status report or to establish a conference.
- C. Payment Schedules
1. General
 - a. **BellSouth SPA CNM - FlexServ** service offers the following payment periods:
 - Month-to-Month Payment Plan (One month option)
 - 24 to 48 Month Term Payment Plan
 - 49 to 72 Month Term Payment Plan
 - 73 to 96 Month Term Payment Plan
 - b. **BellSouth SPA CNM - FlexServ** service customers may select variable payment periods under the Term Payment Plan.
 - c. The monthly rate for **BellSouth SPA CNM - FlexServ** service is dependent upon the payment period selected by the customer.
 - d. The monthly rates for **BellSouth SPA CNM - FlexServ** service under the Term Payment Plan for the periods of 24 to 48, 49 to 72 and 73 to 96 months are not subject to the Company initiated rate changes.
 2. Expiration of Payment Period
 - a. **BellSouth SPA CNM - FlexServ** service customers must upon the expiration of their payment period:
 - (1) Select a new payment period as offered in the current tariff, or
 - (2) Revert to the current tariff rates for the one month payment option if the customer does not select a new payment period.
 - b. A **BellSouth SPA CNM - FlexServ** service customer may at any time during the selected payment period resubscribe for an equal or longer payment period at the current tariff rates subject to the following conditions:
 - (1) No credit will be given for payments made during the formerly selected period. Nonrecurring charges and installation charges will not be reapplied.
 - (2) The new payment period begins with the billing date following the date the new payment period is requested.
 - (3) No termination charge applies for the former payment period.
 - c. A **BellSouth SPA CNM - FlexServ** service customer may at any time during his selected payment period resubscribe for a payment period, shorter in length than the time remaining in the existing service agreement, subject to the following conditions:
 - (1) No credit will be given for payments made during the formerly selected period. Nonrecurring charges and installation charges will not be reapplied.
 - (2) The new payment period begins with the date requested.

Note 1: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.4 Rate Regulations (Cont'd)

E7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service (Cont'd)⁽²⁾

(C)

- C. Payment Schedules (Cont'd)
2. Expiration of Payment Period (Cont'd)
 - c. (Cont'd)
 - (3) A termination charge will be applied which represents the remaining amount of the longer contract less the total amount of the shorter contract. (Difference is the remaining amount of the original contract and the total amount to be paid with the shorter contract.)
 3. Termination Liability
 - a. The Termination Liability for **BellSouth SPA CNM - FlexServ** service is dependent upon the payment period selected by the customer.
 - (1) One Month Payment Plan - There is no termination liability for this option other than the initial service period as specified in A. preceding.
 - (2) Term Payment Plan Option - fifty percent (50%) of the remaining amount due.
 4. Allowance for Interruptions
 - a. When service is interrupted due to a failure or malfunction of **BellSouth SPA CNM - FlexServ** service, a pro rata adjustment of the appropriate **BellSouth SPA CNM - FlexServ** service monthly charges will be allowed at the request of the subscriber if the total system is unavailable for more than a twenty-four hour period and in accordance with the regulations specified in Section E2. of this Tariff.
 - b. No allowances will be granted for interruptions required to perform preventive or routine maintenance, or to perform software updates when the customer is notified at least twenty-four hours prior to such occurrences.

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

- A. Application of Rates
1. The Derived Data Local Channel (a.k.a. BellSouth SPA Derived Data Channel) charges provide the central office data/voice multiplexing capability.
 - a. The Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) provides data transmission at the speed of 2.4 Kbps over an end user's existing two-wire exchange line (e.g., business exchange line, ESSX service main station line). The two-wire exchange line and its associated rates and charges apply in addition to the Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) service rates and charges.
 - b. The DS0-B Interface charge is applicable for each group of a maximum of twenty multiplexed Derived Data Channels (a.k.a. BellSouth SPA Derived Data Channel). Each of the twenty channels in a DS0-B Interface Channel group operates at a bit rate of 2.4 Kbps and are multiplexed together to form a single 64 Kbps DS0 signal at the DS0-B Interface.
 2. Interoffice Channel
 - a. In addition to the Local Channel charges, the DS0-B Interoffice Channel may be required. The DS0-B Interoffice Channel is required to transport the 64 Kbps subrate multiplexed signal from the DS0-B Interface to the IC's serving wire center when the end user's serving wire center and the IC's serving wire center are not the same.
 - b. A four-wire Special Access (a.k.a. BellSouth SPA) digital facility is required to connect the DS0-B Interface to the IC's premises. Refer to Section E7. of this Tariff for applicable rates and charges.
 3. The DDCS (a.k.a. BellSouth SPA Derived Data Channel) nonrecurring charges include service ordering and installation charges associated with the DDCS (a.k.a. BellSouth SPA Derived Data Channel) equipment.

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. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.5 Rates and Charges (Cont'd)

E7.5.9 Digital Data Access⁷ (a.k.a. BellSouth SPA DS0 Digital Data) Service (Cont'd)

C. Optional Features and Functions

1. Bridging^{1,2}

(a) Per port (2.4, 4.8, 9.6, 19.2, 56.0 Kbps)

Nonrecurring Charge \$22.00
 Month to Month \$15.00
 24 to 42 Months^{3,6} \$12.00
 43 to 72 Months^{5,6} \$10.00
 USOC BCNDA

2. Digital Data Secondary Channel Capability, per Local Channel^{1,2,3}

(a) Each

160.00 10.00 7.50 5.00 SFS

3.

E7.5.10 High Capacity (a.k.a. BellSouth SPA High Capacity) Service⁽⁸⁾

(C)

A. Local Channel

1. Per Point of Termination

	Monthly Rate	Nonrecurring Charge First Service Installed	Additional Service Installed	USOC
(a) 1.544 Mbps	\$215.00	\$837.92	\$494.19	TMEC
(b) 3.152 Mbps ⁴	-	-	-	TWT+
(c) 6.312 Mbps ⁴	-	-	-	TWT+
(d) 44.736 Mbps ⁴	-	-	-	TWT+

Note 1: This option is not available with 64.0 Kbps.

Note 2: Not available at all service locations.

Note 3: Nonrecurring charge is applicable only if Secondary Channel service is being added subsequent to the installation of basic service.

Note 4: ICB rates and charges apply.

Note 5: Effective December 10, 2013, Customers may not establish new term plans greater than 36 months for Digital Data service and term plans may not be renewed for a term greater than 36 months.

Note 6: Effective March 25, 2019, Customers may not convert, renew or establish CSPPs for Digital Data Access Service.

Note 7: 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 8: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.5 Rates and Charges (Cont'd)

E7.5.10 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽²⁾

(N)

B. Interoffice Channel				
1.	1.544 Mbps			
	Mileage Bands			
	(a) 1 thru 8	Fixed Monthly Rate	Monthly Rate Per Mile	Nonrecurring Charge
	(b) 9 thru 25	\$75.00	\$23.00	\$103.39
	(c) Over 25	75.00	23.00	103.39
				USOC
				1L5XX
2.	3.152 Mbps			
	Mileage Bands			
	(a) 1 thru 8 ¹	-	-	-
	(b) 8 thru 25 ¹	-	-	-
	(c) Over 25 ¹	-	-	-
				1L5XX
3.	6.312 Mbps			
	Mileage Bands			
	(a) 1 thru 8 ¹	-	-	-
	(b) 8 thru 25 ¹	-	-	-
	(c) Over 25 ¹	-	-	-
				1L5XX
4.	44.736 Mbps			
	Mileage Bands			
	(a) 1 thru 8 ¹	-	-	-
	(b) 8 thru 25 ¹	-	-	-
	(c) Over 25 ¹	-	-	-
				1L5XX

Note 1: ICB rates and charges apply.

Note 2 See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.5 Rates and Charges (Cont'd)

E7.5.10 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽³⁾

(C)

C. Optional Features and Functions

1. Channelization

a. DS3 Channelization

(1) DS3 to DS1

(a) Per arrangement¹

b. DS2 Channelization

(1) DS2 to DS1

(a) Per arrangement¹

c. DS1C Channelization

(1) DS1C to DS1

(a) Per arrangement¹

d. DS1 Channelization

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

(a) Per System

e. DS0 Channelization²

(1) DS0 Basic Channelization System (DS0 to Subrate²)

(a) Maximum of 20, 2.4 Kbps services

(b) Maximum of 10, 4.8 Kbps services

(c) Maximum of 5, 9.6 Kbps services

Monthly
Rate
\$-

Nonrecurring
Charge
\$-

USOC
MXB++

-

-

MXD++

-

-

MXH++

210.00

135.00

MQ1

120.00

135.00

QSU24

120.00

135.00

QSU48

120.00

135.00

QSU96

Note 1: ICB rates and charges apply.

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

Note 3: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE**E7.5 Rates and Charges (Cont'd)****E7.5.10 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽⁹⁾**

(C)

C. Optional Features and Functions (Cont'd)

2. Channel Interfaces (Per Interface)

a. Sub-DS3 Interfaces

(1) DS1 Level Central Office Channel Interface¹

	Month to Month USOC	24 to 48 Months ^{3,7,8}	49 to 72 Months ^{3,4,7}	73 to 96 Months ^{3,4,7}	Nonrecurring Charge	
(a) Asynchronous	\$12.00	\$8.00	\$7.00	\$6.00	\$155.00	1D3CA
(b) Synchronous	36.00	31.00	28.00	25.00	130.00	1D3CS
(2) DS1 Level Customer Channel Interface ¹						
(a) Asynchronous	17.00	13.00	13.00	13.00	305.00	1D3DA
(b) Synchronous	45.00	36.00	33.00	30.00	250.00	1D3DS

b. Sub-DS1 Interfaces

(1) VG/DS0 Level Central Office Channel Interface

	Nonrecurring			Monthly	USOC
	First	Additional	Rate		
(a) BellSouth SWA	\$0.00	\$0.00	\$0.00		1D1SW
(b) Metallic ⁶ (a.k.a. BellSouth SPA Metallic)	7.00	6.00	16.00		1D1ME
(c) Telegraph ⁶ (a.k.a. BellSouth SPA Telegraph)	7.00	6.00	5.00		1D1TE
(d) Voice Grade ⁶ (a.k.a. BellSouth SPA DS0 VG)	7.00	6.00	6.50		1D1VG
(e) WATS Access Line ⁶ (a.k.a. BellSouth SPA WATS Line)	7.00	6.00	6.50		1D1WT
(f) (DELETED)					
(g) (DELETED)					
(h) DDAS ⁶ (a.k.a. BellSouth SPA DS0 Digital Data)	7.00	6.00	13.00		1D1DD

c. Sub-DS0 Level Interfaces⁶

(1) Subrate Level Central Office Channel Interface

(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 Point-to-Point DS1/1.544 Mbps High Capacity optioned as:

(a) Superframe Format (SF)	-	-	615.00	CCOSF
(b) Extended Superframe Format (ESF)	-	-	615.00	CCOEF

Note 1: Contract lengths 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 end user premises.**Note 3:** Effective December 10, 2013, Customers may not establish new term plans greater than 36 months for High Capacity Service and term plans may not be renewed for a term greater than 36 months.**Note 4:** Effective March 25, 2019, Customers may not convert or renew CSPPs for High Capacity Service.**Note 5:** **(DELETED)****Note 6:** 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 7:** 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 8:** 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 9:** See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.5 Rates and Charges (Cont'd)

E7.5.10 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽¹⁾ (C)

C. Optional Features and Functions (cont'd)				
5. Virtual Collocation to High Capacity (a.k.a. BellSouth SPA High Capacity) Service				
		Nonrecurring Charge	Monthly	
		First	Additional	Rate
		\$155.00	\$14.00	\$7.50
	(a) Per DS1 Cross-Connect			USOC
D. Network Channel Terminating Equipment (NCTE)				CNC1X
1. Per Point of Termination where provided				
		Monthly	Nonrecurring	
		Rate	Charge	
		\$41.06	\$-	USOC
	(a) 1.544 Mbps			TN615

E7.5.11 Message Station Equipment Recovery Charge

A. Message Station Equipment Recovery Charge				
1. Per Special Access (a.k.a. BellSouth SPA) Surcharge Assessed				
			Monthly	
			Rate	
			\$3.41	USOC
	(a) Each			UTM
Note 1: ICB rates and charges apply.				

Note 1: See Section 2.1.4 for Service availability.

(N)

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

E7.5 Rates and Charges (Cont'd)

E7.5.14 (DELETED) (Cont'd)

E7.5.15 Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) Service⁽²⁾

(C)

A. Local Channel						
1. Derived Data Channel						
	(a) Per channel at 2.4 Kbps	Nonrecurring Charge	Month to Month	24 to 42 Months	48 to 72 Months	USOC
		\$360.00	\$17.00	\$13.50	\$11.00	DAXPC
2. DS0-B Interface						
	(a) Per group of twenty Derived Data Channels	400.00	90.00	88.00	86.00	DAXPI

(DELETED)

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

Note 2: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.5 Rates and Charges (Cont'd)⁽⁶⁾

(C)

E7.5.15 Derived Data Channel⁵ (a.k.a. BellSouth SPA Derived Data Channel) Service (Cont'd)

B. Interoffice Channel

1. DS0-B Interoffice Channel, Per DS0-B Interface

(a) Fixed

(b) Each mile or fraction thereof

Nonrecurring Charge	Month to Month	24 to 42 Months ^{1,4}	43 to 72 Months ^{2,4}	USOC
\$15.00	\$5.00	\$4.00	\$3.00	DAXPF
	1.00	1.75	.50	DAXPM

E7.5.16 BellSouth SPA CNM - FlexServ Service

A. Basic BellSouth SPA CNM - FlexServ Service

1. DS0 Channel Connections

	Nonrecurring Charge	Month To Month	24 to 48 Months ^{3,4}	49 to 72 Months ^{3,4}	73 to 96 Months ^{3,4}	USOC
(a) Voice Grade Type, per DS0 channel	\$35.00	\$13.85	\$12.75	\$11.75	\$11.00	DSLVA
(b) Digital Type, per DS0 channel	35.00	5.75	5.30	4.90	4.60	DSLDA
2. DS1 Channel Connections						
(a) DS0 Switching, per DS1 channel	125.00	80.00	75.00	70.00	65.00	DSL1A
(b) DS1 Switching, per DS1 channel	125.00	48.00	44.00	41.00	38.00	DSL1B
(c) Surveillance - DS1 Level per DS1 channel	125.00	48.00	44.00	41.00	38.00	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. BellSouth SPA CNM - FlexServ Service

1. Multipoint Bridging

(a) Voice Grade Connections, per bridging leg	20.00	3.90	3.50	3.40	3.30	FSSF9
(b) Multipoint Junction Unit, per 2.4, 4.8, 9.6 or 56 Kbps channel ¹	15.00	5.15	4.75	4.25	4.00	FSSFJ
(c) Multipoint Junction Unit, per 19.2 Kbps channel ¹	15.00	9.45	8.90	8.40	7.90	FSSF9

Note 1: Must purchase in units of five.

Note 2: Effective December 10, 2013, Customers may not establish new term plans greater than 36 months for Derived Data Channel service and term plans may not be renewed for a term greater than 36 months.

Note 3: Effective December 10, 2013, Customers may not establish new term plans greater than 36 months for BellSouth SPA CNM - FlexServ Service and term plans may not be renewed for a term greater than 36 months.

Note 4: Effective March 25, 2019, Customers may not convert, renew or establish CSPPs for Derived Data Channel Service and BellSouth SPA CNM - FlexServ Service.

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

Note 6: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

E7.5 Rates and Charges (Cont'd)

E7.5.16 BellSouth SPA Customer Network Management (CNM) - FlexServ Service (Cont'd)⁽³⁾

(C)

B. BellSouth SPA CNM - FlexServ Service Options (Cont'd)

2. Subrate Reconfiguration Capability

(a) Per DS0 equipped (DS0B)

Nonrecurring Charge	Month To	24 to 48 Months ¹	49 to 72 Months ^{1,2}	73 to 96 Months ^{1,2}
\$45.00	Month	\$7.00	\$6.60	\$6.20

USOC
DSLSB

(b) 9.6 Kbps, per DS0A requires 5

\$5.00

\$7.75

\$7.00

\$6.60

\$6.20

USOC
DSLS9

(c) 4.8 Kbps, per DS0A requires 10

5.00

7.30

6.70

6.20

5.85

DSLS4

(d) 2.4 Kbps, per DS0A requires 20

5.00

6.90

6.35

5.90

5.50

DSLS2

3. Additional Concurrent User Access

(a) Per Additional User Access

125.00

63.00

60.00

57.00

54.00

FSSFU

4. Additional User Identification Codes

Nonrecurring
Charge
\$3.00

USOC
FSSFA

(a) Per Additional Code

5. Additional Customer Training

(a) Per eight hour day of training after initial installation

450.00

FSSFT

6. Reconfiguration by Company Personnel

(a) Request for Company to perform reconfiguration activity

25.00

FSSRA

Note 1: Effective December 10, 2013, Customers may not establish new term plan greater than 36 months for BellSouth SPA CNM - FlexServ Service and term plans may not be renewed for a term greater than 36 months.

Note 2: Effective March 25, 2019, Customers may not convert, renew or establish CSPPs for BellSouth SPA CNM - FlexServ Service.

Note 3: See Section 2.1.4 for Service availability.

(N)