

TARIFF DISTRIBUTION

FILE PACKAGE NO.: LA-25-0034

DATE: October 21, 2025

STATE: LOUISIANA

EFFECTIVE DATE: 11/01/2025

TYPE OF DISTRIBUTION: Pending

PURPOSE: Louisiana - National grandfathering DS1/DS3
services

<u>TARIFF SECTION</u>	<u>PAGE NUMBER</u>	<u>PAGE REVISION</u>
E002	3	0009
E002	13	0009
E002	17.2	0006
E002	17.3	0008
E002	17.3.5.2	0005
E002	19	0011
E002	23.1	0004
E002	28	0005
E005	2.2	0003
E005	6.2	0007
E007	1	0014
E007	2	0012
E007	3	0008
E007	6	0006
E007	7	0014
E007	7.1	0002
E007	8	0011
E007	14	0006
E007	15	0005
E007	19	0009
E007	20	0008
E007	21	0007
E007	21.1	0006
E007	22	0011
E007	22.2	0008
E007	22.3	0004
E007	29	0015
E007	29.1	0017
E007	33	0009
E007	35	0009
E007	36	0013

E007	36.0.1	0004
E007	36.1	0005
E007	36.1.1	0002
E007	36.2	0006
E007	36.3	0006
E007	48.1	0008
E007	49	0008
E007	50	0004
E007	51	0007
E007	51.1	0012
E007	51.2	0007
E007	52.2	0009
E007	52.3	0008
E7 Cont. (pg)	1	0011
E7 Cont. (pg)	2	0018
E7 Cont. (pg)	3	0003

Pending

E2. GENERAL REGULATIONS

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

E2.1.3 Liability (Cont'd)

- K. Transmission of Data**
Voice-grade lines are primarily conditioned to handle data speeds up to 9.6 kilobits per second (kbps). The Company makes no guarantee that voice-grade access lines and/or facilities are suitable for the transmission of data. However, in those cases where the transmission of data is attempted, the Company shall not be held liable for any damage, harm or loss of data caused by the subscriber using the Company's voice grade telephone access lines and/or facilities for the transmission of data. The Company's liability shall be limited to errors or damages to the transmission of voice messages over these facilities, and the liability shall be limited to an amount equal to the proportional amount of the Company's billing for the period of service during which the errors or damages occur.
- L. Errors or Damages Caused by System Date Limitations**
The Company's liability for errors or damage resulting from the inability of the Company's systems to process unusual dates, such as the Year 2000, shall be limited to an amount equal to the proportional amount of the Company's billing for the period of service during which the errors or damages occur.
- M. Unauthorized Devices**
The Company shall not be held liable or responsible for any damage or harm that may occur as the result of unauthorized devices or the failure of the Company to detect unauthorized devices on the subscriber's line.

E2.1.4 Provision of Services

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

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

The Company may grandfather or discontinue Company services in certain geographic areas at its discretion, subject to any applicable regulatory approvals. All services described in this Tariff will no longer be available for purchase by new or existing customers in certain geographic areas in Louisiana. 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 selective router termination. 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 Access services provided under this Tariff: (a) will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Company's outside distribution network facilities at a suitable location inside a customer-designated premises, and (b) will be installed by the Company to such Point of Termination. Each Access Service has only one Point of Termination per customer premises. Any additional terminations beyond such Point of Termination is the sole responsibility of the customer. The Point of Termination is an inherent part of BellSouth SWA and Special Access (a.k.a. BellSouth SPA) services; therefore, the preceding does not preclude the customer's ability to have each Point of Termination moved as set forth in Section 6 of Tariff FCC No. 1 and Section E7 of this intrastate Tariff for BellSouth SWA and Special Access (a.k.a. BellSouth SPA) services, respectively.

E2.1.6 Maintenance of Services

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

E2.1.7 Changes and Substitutions

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

- A.** Substitute, change or rearrange any facilities used in providing service under this Tariff, including but not limited to:
1. Substitution of different metallic facilities,
 2. Substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities, and
 3. Substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities,
- B.** Change minimum protection criteria,
- C.** Change operating or maintenance characteristics of facilities, or,
- D.** Change operations 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 customer 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 Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Company will work cooperatively with the customer to determine reasonable notification requirements.

E2. GENERAL REGULATIONS

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

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

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

2. (Cont'd)

- b. For two-point services, when daily rates are applicable, the credit shall be at the rate of 1/288 of the daily charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues.
 - c. For multipoint services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for each connecting channel and associated channel interface, channel mileage and optional features and functions that is inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.
 - d. For multipoint services, when daily rates are applicable, the credit shall be at the daily rate of 1/288 of the daily charges for each connecting channel and associated channel interface, channel mileage and optional features and functions that is inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.
 - e. For multipoint services, the credit for the monthly or daily charges includes the charges for the distribution amplifier only when the distribution amplifier is inoperative.
 - f. When two or more interruptions occur during a period of 5 consecutive minutes, such multiple interruptions shall be considered as one interruption.
3. For BellSouth SWA service and BellSouth Directory Assistance Access service, no credit shall be allowed for an interruption of less than twenty-four hours. The customer shall be credited for an interruption of twenty-four hours or more at the rate applicable to the service involved, for each period of twenty-four hours or major fraction thereof that the interruption continues. In the case of service billed based upon actual usage, no credit allowance is applicable.
 4. The credit allowance(s) for an interruption or for a series of interruptions shall not exceed (a) the sum of the monthly rates or (b) the assumed minutes of use charge for the service interrupted in any one monthly billing period.
 5. For certain Special Access (a.k.a. BellSouth SPA) services (Wideband Digital, WD1-3; Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data), DA1-4; and High Capacity (a.k.a. BellSouth SPA High Capacity)⁽¹⁾, HC1), any period during which the error performance is below that specified for the service will be considered as an interruption.
 6. Service interruptions for Specialized Service or Arrangements provided under the provisions of Section E12. following shall be administered in the same manner as those set forth in this section (E2.4.4.) unless other regulations are specified with the Individual Case Basis filing.
 7. For the channels used with BellSouth Managed Shared Ring service, failure by the Company to meet the performance guarantee described in E7.5.1 will prompt the credit described in that Section. The combined total of the credit allowance during a month for failure to meet the performance guarantee for BellSouth Managed Shared Ring in Section 6.7.21 of Tariff FCC No. 1, as applicable, and the credit for service interruption contained in this section shall not exceed the monthly rate for the portion of the service affected.
 8. For BellSouth Wavelength service, a credit for a service interruption of thirty minutes or more per occasion shall be 100 percent of the monthly charges for the BellSouth Wavelength service. A customer must report the outage in order to receive service outage credit. The total credit received in any month shall not exceed the monthly rate for the service.

C. When Credit Allowance Does Not Apply

No credit allowance will be made for:

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

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)⁽¹⁾

(C)

A. Channel Services Payment Plan (Cont'd)

4. Disconnects

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

For the purposes of determining a higher order of service, the following ranking will be used (Analog Voice Grade (a.k.a. BellSouth SPA DS0 VG) = lowest, **Channels for use with BellSouth Managed Shared Ring Service**, DS1 High Capacity (a.k.a. BellSouth SPA DS1) = Highest):

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

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

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

Channels for use with BellSouth Managed Shared Ring service (a.k.a. BellSouth SPA Managed Shared Ring Network)

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. Customer requests for moves of service(s) under CSPP, other than inside moves, will be subject to the conditions stated in 11. following.

6. Requests for Changes in Length of Optional Payment Period

- a. Subsequent to the establishment of a contract with a CSPP period, and prior to the completion of that period, the existing payment period may be replaced by:
 - (1) A currently offered payment period at the current rates, with a length equal to or longer than the time remaining in the existing service agreement, subject to the following conditions:
 - No credit will be given for payments made during the formerly selected period.
 - The new payment period begins with the new CSPP effective date.
 - No termination charge applies for the remaining portion of the former payment period.

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)⁽⁴⁾

(C)

A. Channel Services Payment Plan (Cont'd)

7. Renewal Options (Cont'd)

- b. Nonrecurring charges are not applicable for services renewed under the CSPP. Any new channel equipment and/or facilities added to a customer's network at the time of renewal will be subject to all appropriate nonrecurring charges.
- c. The Company may discontinue or change any or all renewal options with approval of the appropriate regulatory authority.
- d. When a customer renews a CSPP arrangement, the rates and charges in effect on the first day of service or renewal will apply.
- e. Recognition of previous service will be given to customers who renew an existing CSPP arrangement, for the same or larger system(s) and all associated rate elements at the same location(s), provided that the length of the new CSPP arrangement is a minimum twenty-four month^{1, 2, 3} service period or equals/exceeds the remaining service period of the original CSPP arrangement, whichever is greater. An example of a larger system is the renewal of an Analog Voice Grade (a.k.a. BellSouth SPA DS0 VG) service with a DS1 High Capacity (a.k.a. BellSouth SPA DS1) service.
- f. Recognition of previous service will be given to month-to-month customers with a service date of January 1, 1994 or later who convert to a CSPP arrangement, provided the minimum service period has been met. For customers whose service date is January 1, 1994 or earlier, recognition will be given for the previous service back to January 1, 1994. For customers whose service date is later than January 1, 1994, recognition for the previous service will be given back to the actual service date.
- g. To determine the appropriate CSPP Payment Plan for the renewed arrangement, recognition of service will consist of the sum of months in service of the completed service arrangement and the sum of the months of the proposed service period of the CSPP arrangement.^{1, 2, 3} For example, a CSPP arrangement for a thirty-six month^{2, 3} service period under the thirty-six month^{2, 3} Term Payment Plan is renewed for twenty-four months with no changes at the end of the thirty-six month period. The sum of months for the completed and proposed service periods would equal sixty months^{2, 3} and would be billed under the sixty-month^{2, 3} Term Payment Plan. Another example is a month-to-month customer, in service for fifteen months, who wishes to convert to a sixty-month^{2, 3} CSPP arrangement with no changes. The combined service period of the month-to-month arrangement and the CSPP arrangement is equal to seventy-five months, which would be billed under the eighty-four month^{2, 3} Term Payment Plan.
8. Transfer of Service
- a. Service may be transferred to a new customer at the same location upon prior written concurrence by the new customer as specified in this Tariff. This does not constitute a disconnect of service or a discontinuance of an existing CSPP arrangement. The new customer will be subject to all provisions and equipment configurations currently in effect for the previous customer. Regulations concerning transfer of service between subscribers as stated in other sections of this Tariff also apply under CSPP.

Note 1: Effective March 27, 2019, Customers may not: (1) Establish CSPPs for Digital Data Access Service, Derived Data Channel Service, and BellSouth FlexServ Service, (2) Establish CSPPs greater than 36 months for High Capacity Service, and (3) Convert or renew CSPPs for Digital Data Access Service, Derived Data Channel Service, BellSouth FlexServ Service and High Capacity Service.

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

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

Note 4: See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

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

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

(C)

C. Transport Payment Plan (Cont'd)

4. Disconnects (Cont'd)

- b. Except as provided in c. through f. following, when a BellSouth Wavelength service, BellSouth Dedicated Ring, **BellSouth Metro Ethernet service** or SMARTRing service (a.k.a. BellSouth Dedicated Ring) TPP customer disconnects services or rate elements prior to the minimum number of months for the plan period selected, termination liability charges will apply. The termination liability charge will be derived at the time of disconnection by taking the difference between the rate for the TPP period for which the customer subscribed, and the rate for the TPP period that the customer's completed service would otherwise qualify, and multiplying the difference by the number of months service the customer completed under a TPP. For example, a customer subscribes to a TPP for 73 months (Plan C) and terminates service after 20 months (Plan A). The termination liability charge will be applied by multiplying the number of months in service (20) by the difference between the Plan A and Plan C monthly rates. When a BellSouth Wavelength service, BellSouth Dedicated Ring, **BellSouth Metro Ethernet service** or SMARTRing service (a.k.a. BellSouth Dedicated Ring) customer disconnects service after the minimum number of months for the TPP arrangement selected but prior to the actual expiration date of the TPP arrangement, termination liability charges do not apply.
- c. When a TPP arrangement is disconnected prior to the expiration of a plan period due to a customer requested change to a higher order of service at the same location, or to expand or upgrade an existing service, termination liability charges will not apply when:
- (1) the customer has completed at least 6 months of the originally selected TPP service period, and
 - (2) the service period of the new arrangement for the new service is equal to or longer than the remaining service period of the disconnected arrangement, and
 - (3) the service orders to install the new service and disconnect the old service are related together and received by the Company at the same time, and there is no lapse in service between installation of the higher order of service and disconnection of the existing service, and
 - (4) the capacity of the new service is equal to or greater than the existing service. For converting LightGate service (a.k.a. BellSouth SPA Point to Point Network) to SMARTPath service DS3 Transport service (a.k.a. BellSouth SPA DS3 Shared Ring), the capacity of the LightGate service (a.k.a. BellSouth SPA Point to Point Network) is considered to be the quantity of DS3s activated on the LightGate service (a.k.a. BellSouth SPA Point to Point Network). *Specific changes of BellSouth Metro Ethernet service that are considered to be the same or higher order of service are set forth in E7.4.32 of this Tariff.*
- For the purposes of determining a higher order of service in all payment plans, the following ranking will be used (Analog Voice Grade (a.k.a. BellSouth SPA DSO VG) service=lowest, SMARTRing service (a.k.a. BellSouth Dedicated Ring)=highest):
- Analog Voice Grade (a.k.a. BellSouth SPA DSO VG) services
 - DS0 (a.k.a. BellSouth SPA DS0 Digital Data) Services
 - DS1 (a.k.a. BellSouth SPA DS1) Services
 - BellSouth Wavelength service
 - SMARTRing service (a.k.a. BellSouth Dedicated Ring)/BellSouth Dedicated Ring/Channels for use with BellSouth Managed Shared Ring (a.k.a. BellSouth SPA Managed Shared Ring Network)
- 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)

CARRIER OR COMMON CARRIER

See Interexchange Carrier

CCS

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

CCS7 SIGNALING CONNECTION

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

CCS7 SIGNALING TERMINATION

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

CCS7 ACCESS ARRANGEMENT USAGE

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

CENTRAL OFFICE

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

CENTRAL OFFICE PREFIX

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

CENTRALIZED AUTOMATIC REPORTING ON TRUNKS TESTING

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

CENTREX TYPE SERVICES

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

CHANNEL(S)

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

CHANNEL SERVICE UNIT

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

CHANNELIZATION EQUIPMENT

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

CHANNELIZE

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

CLEAR CHANNEL CAPABILITY

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

(C)

Note 1: See Section 2.1.4 for Service availability.

(N)

Material previously appearing on this page now appears on page(s) 20 of this section.

[®] Registered Service Mark of BellSouth Intellectual Property Corporation

[®] BellSouth is a registered trademark of BellSouth Intellectual Property Corporation

E2. GENERAL REGULATIONS

E2.6 Definitions (Cont'd)

MAJOR FRACTION THEREOF

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

MESSAGE

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

MILLIWATT (102 TYPE) TEST LINE

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

MINUTES OF USE

See Access Minutes.

MULTIPOINT CHANNEL

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

MOBILE TELEPHONE SWITCHING OFFICE (MTSO)

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

NETWORK CHANNEL INTERFACE (NCI) CODE UPDATE⁽¹⁾

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

NETWORK CONTROL SIGNALING

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

NETWORK INTERFACE

Network Interface is a standard jack provided by the Company as a part of exchange access, *BellSouth SWA WATS*, or Private Line Services for the connection of customer terminal equipment and premises wiring to the telephone network. The Network Interface will be located at the demarcation point.

Note 1: See Section 2.1.4 for Service availability.

(N)

E2. GENERAL REGULATIONS

E2.13 TDM to IP Transition

E2.13.1 General TDM to IP Transition Provisions⁽¹⁾

(C)

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

Product Name

Reference

Metallic (aka BellSouth SPA Metallic) Service (Grandfathered as of 6/30/21)	E7.2.1
Telegraph Grade (aka BellSouth SPA Telegraph) Service (Grandfathered as of 6/30/21)	E7.2.2
Voice Grade (aka BellSouth SPA DS0 VG) Service (Grandfathered as of 6/30/21)	E7.2.3
Wired Music Service (Grandfathered as of 12/1/20)	E7.2.4
Digital Data Access (aka BellSouth SPA DS0 Digital Data) Service (Grandfathered as of 6/30/21)	E7.2.5
High Capacity (aka BellSouth SPA High Capacity) Service (64 kbps (Grandfathered as of 6/30/21), 3.152 and 6.312 Mbps)	E7.2.6
FlexServ (aka BellSouth SPA Customer Rearrangement) Service	E7.4.12

Effective Date

Exchange

Other Information

08/06/2018 DNSPLAMA	Denham Springs	Distribution Area 110602
04/30/2020 NWORLASC	New Orleans	Distribution Areas 410261 and 410262
11/15/2020 CVTNLAMA	Covington	Distribution Areas 410503, 412002, 418602 and 419004
11/20/2020 NWORLAMA	New Orleans	Distribution Areas 240121, 240131, 240132, 240321, 240331, 240431, and 240531
06/01/2021 THBDLAMA	Thibodaux	Distribution Area 6312
01/18/2022 BTRGLAGW BTRGLASW BTRGLAWN DNSPLAMA	Baton Rouge-Goodwood Baton Rouge-Sherwood Baton Rouge-Woodlawn Denham Springs	Distribution Areas 110403 and 212003 Distribution Areas 120103 and 260502 Distribution Areas 415002 and 415003 Distribution Area 120102
01/20/2022 LKCHLAMB LKCHLAUN	Moss Bluff Lake Charles	Distribution Area 310799 Distribution Area 410999

Note 1: See Section 2.1.4 for Service availability.

(N)

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

E5.2 Access Order (Cont'd)

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

- G.** For all Special Access (*a.k.a. BellSouth SPA*) services, the customer must specify the customer premises or Hubs involved, the channel type (e.g., Narrowband, Voice Grade (*a.k.a. BellSouth SPA DSO VG*), High Capacity (*a.k.a. BellSouth SPA High Capacity*), etc.), the channel interface, technical specification package and options desired. For multipoint services, the channel interface at each premises may, at the request of this customer, be different but all such interfaces shall be compatible. When establishing Special Access (*a.k.a. BellSouth SPA*) service under the Shared Network Arrangement, the host subscriber must coordinate with each service user the design, testing and maintenance of the service. Additionally, the service user must provide to the Company the Connecting Facility Arrangement (CFA) and the High Capacity Billing Account Number (HBAN) of the host subscriber.
- H.** Where the Special Access (*a.k.a. BellSouth SPA*) service is subject to the surcharge, as set forth in Section E7. following and the customer does not use the Special Access (*a.k.a. BellSouth SPA*) service as described and desires an exemption from the surcharge, it shall furnish with the order the certification as set forth in Section E7. following.
- I.** For *BellSouth SWA* Transport Services, the customer must specify the Facility Hubs involved, if applicable, the channel type (e.g., *BellSouth SWA VG*, *BellSouth SWA DS1*, etc.), the channel interface, and any options desired.
- J.** For WATS Access Line Service (*a.k.a. BellSouth SPA WATS Line*), the customer must also specify the type of calling (i.e., Originating Only or Terminating Only) for which the service is to be provided. Additionally, when necessary screening functions are not provided at the wire center which serves the customer's originating or terminating premises, the Company will provide the service to the nearest wire center where the capability exists. In these circumstances, the customer will be so notified and the order will be changed to designate the appropriate premises. No charge will apply for the change.
- K.** To enable a customer to receive flat rate treatment on a WATS Access Line (*a.k.a. BellSouth SPA WATS Line*) used to provide terminating service (i.e., *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service*), the customer must specify, by jurisdiction, the telephone number which is used to route the call.
- L.** *BellSouth SWA* 900 service

For *BellSouth SWA* 900 Service, the customer shall order in the same manner which is set forth preceding for ordering *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* with the following exception. The customer must order *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3* to all access tandems or direct connections to all end offices designated by the Company as *BellSouth SWA* 900 Service screening offices within the state. Direct trunk routes cannot be provided unless the end office is equipped to provide the customer identification function. All traffic originating from end offices not equipped to provide the customer identification function will require routing via the access tandem at which the function is available. Service must be ordered accordingly.

Note 1: See Section 2.1.4 for Service availability.

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

E5.2 Access Order (Cont'd)

E5.2.4 Cancellation Of An Access Order (Cont'd)⁽¹⁾

B. (Cont'd)

4. (Cont'd)

- d. When a customer cancels an Access Order, or part of an Access Order, before the service date, the Company will apply cancellation charges to the order. Cancellation charges are calculated by multiplying all the nonrecurring charges associated with the order, or that part of the order being cancelled, by the percentage shown in e. following for the critical date last completed on the order as set forth in E5.4.B.2. preceding, when a customer cancels an order prior to the Design Layout Report Date, no cancellation charges apply.
- e. The resulting cancellation charge is also shown as follows:

(1) Cancellation Charge Percentages Listing No. 1

Type Service/

Critical

Dates

**After:
Before:**

**APP
SID**

**SID
LAM**

**LAM
EIRD**

**EIRD
DLRD**

**DLRD
RID**

**RID
DVA**

SPECIAL ACCESS (a.k.a BellSouth SPA)

WATS (a.k.a. BellSouth SPA)

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

Telegraph Grade (a. k. a. BellSouth SPA Telegraph)

Metallic Grade (a. k. a. BellSouth SPA Metallic)

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

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

BellSouth Metro Ethernet Service

BELLSOUTH SWA

Trunks or Lines

BellSouth SWA High Capacity Facilities

BellSouth Wavelength Service

1.6%

4.7%

6.6%

9.5%

13.2%

18.7%

1.6%

4.7%

6.6%

9.5%

13.2%

18.7%

1.6%

4.8%

8.9%

13.6%

17.0%

22.2%

1.6%

4.9%

6.9%

9.8%

13.5%

18.2%

12.9%

29.2%

33.1%

35.5%

37.5%

42.9%

1.5%

4.6%

6.1%

9.2%

13.5%

18.6%

11.6%

33.1%

42.9%

44.8%

47.3%

53.1%

7.0%

18.9%

23.7%

24.9%

26.3%

35.6%

12.9%

29.2%

33.1%

35.5%

37.5%

42.9%

12.9%

29.2%

33.1%

35.5%

37.5%

42.9%

(2) Cancellation Charge Percentages Listing No. 2

Type Service/

Critical

Dates

**After:
Before:**

**DVA
WOT**

**WOT
FCD**

**FCD
PTD**

**PTD
DD**

DD

SPECIAL ACCESS (a.k.a BellSouth SPA)

WATS (a.k.a. BellSouth SPA)

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

Telegraph Grade (a. k. a. BellSouth SPA Telegraph)

Metallic Grade (a. k. a. BellSouth SPA Metallic)

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

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

BellSouth Metro Ethernet Service

BELLSOUTH SWA

Trunks or Lines

BellSouth SWA High Capacity Facilities

BellSouth Wavelength Service

33.2%

44.6%

56.6%

83.6%

100.0%

33.2%

44.6%

56.6%

83.6%

100.0%

34.7%

43.9%

56.9%

84.6%

100.0%

30.3%

39.7%

53.6%

83.3%

100.0%

55.7%

66.2%

69.9%

86.2%

100.0%

28.5%

35.4%

46.2%

78.2%

100.0%

53.1%

69.9%

85.6%

94.9%

100.0%

51.4%

58.3%

69.4%

90.3%

100.0%

55.7%

66.2%

69.9%

86.2%

100.0%

55.7%

66.2%

69.9%

86.2%

100.0%

Note 1: See Section 2.1.4 for Service availability.

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

CONTENTS

E7.1	General		1
E7.1.1	Channel Types		1
E7.1.2	Rate Categories		2
E7.1.3	Service Configurations		3.1
E7.1.4	Alternate Use		6
E7.1.5	Special Facilities Routing		6
E7.1.6	Design Layout Report		6
E7.1.7	Acceptance Testing		6
E7.1.8	Ordering Options And Conditions		6
E7.2	Service Descriptions		8
E7.2.1	Metallic (a.k.a. BellSouth SPA Metallic) Service		8
E7.2.2	Telegraph Grade (a.k.a. BellSouth SPA Telegraph) Service		9
E7.2.3	Voice Grade (a.k.a. BellSouth SPA DS0 VG) Service		10
E7.2.4	<i>Reserved For Future Use</i>		16
E7.2.5	Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) Service		18
E7.2.6	High Capacity (a.k.a. BellSouth SPA High Capacity) Service ⁽¹⁾	(C)	20
E7.2.7	Reserved For Future Use		22
E7.2.8	Reserved For Future Use		22
E7.2.9	Reserved For Future Use		22
E7.2.10	Reserved For Future Use		22
E7.2.11	Reserved For Future Use		22
E7.2.12	Reserved For Future Use		22
E7.2.13	Reserved For Future Use		22.1
E7.2.14	Reserved For Future Use		22
E7.2.15	Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) Service ⁽¹⁾	(C)	22
E7.2.16	SMARTRing service (a.k.a. BellSouth Dedicated Ring)		22.4
E7.2.17	Reserved For Future Use		22.5
E7.2.18	BellSouth Metro Ethernet Service		22.5.1
E7.3	Channel Interface And Network Channel Codes		22.6
E7.3.1	General		22.6
E7.3.2	Glossary of Channel Interface Codes and Options		23
E7.3.3	Impedance		27
E7.3.4	Digital Hierarchy Channel Interface Codes (4DS)		27
E7.3.5	Service Designator/Network Channel Code Conversion Table		27

Note 1: See Section 2.1.4 for Service availability.

(N)

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

CONTENTS

E7.4 Rate Regulations	29	
E7.4.1 Types Of Rates And Charges	29	
E7.4.2 Surcharge For Special Access (a.k.a. BellSouth SPA) Service	31	
E7.4.3 Reserved For Future Use	33	
E7.4.4 Minimum Periods	33	
E7.4.5 Moves	33	
E7.4.6 Mileage Measurement	34	
E7.4.7 Facility Hubs	35	
E7.4.8 Shared Use Analog And Digital High Capacity (a.k.a. BellSouth SPA DS0 Digital Data) Service ⁽²⁾	36	(C)
E7.4.9 Reserved For Future Use	36.01	
E7.4.10 Reserved For Future Use	36.01	
E7.4.11 Reserved For Future Use	36.01	
E7.4.12 FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) ⁽²⁾	36.01	(C)
E7.4.13 Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) Service ⁽²⁾	36.3	(C)
E7.4.14 SMARTRing service (a.k.a. BellSouth Dedicated Ring)	36.4	
E7.4.15 Reserved For Future Use	36.7	
E7.4.16 Reserved For Future Use	36.7	
E7.4.17 Reserved For Future Use	36.8	
E7.4.18 Reserved For Future Use	36.8	
E7.4.19 Reserved For Future Use	36.8	
E7.4.20 Reserved For Future Use	36.8	
E7.4.21 Reserved For Future Use	36.8	
E7.4.22 Reserved For Future Use	36.8	
E7.4.23 Reserved For Future Use	36.8	
E7.4.24 Reserved For Future Use	36.8	
E7.4.25 Reserved For Future Use	36.8	
E7.4.26 Reserved For Future Use	36.8	
E7.4.27 Reserved For Future Use	36.8	
E7.4.28 Reserved For Future Use	36.8	
E7.4.29 Reserved For Future Use	36.8	
E7.4.30 Reserved For Future Use	36.8	
E7.4.31 Reserved For Future Use	36.8	
E7.4.32 BellSouth Metro Ethernet Service	36.9	

Note 1: (DELETED)

Note 2: See Section 2.1.4 for Service availability.

(N)

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

CONTENTS

E7.5 Rates And Charges	37	
E7.5.1 Metallic (a.k.a. BellSouth SPA Metallic) Service	37	
E7.5.2 Telegraph Grade (a.k.a. BellSouth SPA Telegraph) Service	37	
E7.5.3 Voice Grade (a.k.a. BellSouth SPA DS0 VG) Service	38	
E7.5.4 <i>Reserved For Future Use</i>	43	
E7.5.5 Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) Service	45	
E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service ⁽¹⁾	48.1	(C)
E7.5.7 Reserved For Future Use	52	
E7.5.8 Special Access (a.k.a. BellSouth SPA) Surcharge	52	
E7.5.9 Reserved For Future Use	52	
E7.5.10 Reserved For Future Use	52	
E7.5.11 Reserved For Future Use	52	
E7.5.12 Reserved For Future Use	52	
E7.5.13 Transfer of Service	52	
E7.5.14 (DELETED)	52	
E7.5.15 Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) Service ⁽¹⁾	52	(C)
E7.5.16 FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) ⁽¹⁾	52.2	(C)
E7.5.17 Reserved For Future Use	52.3	
E7.5.18 SMARTRing service (a.k.a. BellSouth Dedicated Ring)	52.3.1	
E7.5.19 Reserved For Future Use	52.3.4	
E7.5.20 Reserved For Future Use	52.3.5	
E7.5.21 Reserved For Future Use	52.3.5	
E7.5.22 BellSouth Metro Ethernet Service	52.3.5	
E7.6 ICB Rates And Charges	52.3.11	
E7.7 Custom Network Service (a.k.a. BellSouth Custom Network Service)	52.3.11	
E7.7.1 General	52.3.11	
E7.7.2 Custom Network Service Arrangement I	52.4	
E7.7.3 Custom Network Service Arrangement II	56	
E7.7.4 Custom Network Service Arrangement III	59.1	

Note 1: See Section 2.1.4 for Service availability.

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

E7.1 General⁽⁵⁾

(C)

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

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

E7.1.1 Channel Types

- A. There are nine types of channels used to provide Special Access services. Each type has its own characteristics. All are subdivided by one or more of the following:
- Transmission specifications
 - Bandwidth
 - Speed (i.e., bit rate)
 - Spectrum
- B. Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.
- C. For purposes of ordering channels, each has been identified as a type of Special Access (a.k.a. BellSouth SPA) service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as Metallic⁴ (a.k.a. BellSouth SPA Metallic) service in this Tariff, there is no restriction against doing so.
- D. Following is a brief description of each type of channel:
1. Metallic⁴ (a.k.a. BellSouth SPA Metallic) - a channel for the transmission of low speed varying signals at rates up to 30 baud.
 2. Telegraph⁴ (a.k.a. BellSouth SPA Telegraph) Grade - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.
 3. Voice Grade⁴ (a.k.a. BellSouth SPA DS0 VG) - a channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.
 4. WATS Access Line⁴ (a.k.a. BellSouth SPA WATS Line) (WAL) - a channel from a customer designated premises to a WATS serving office for 800, WATS or similar service.
 5. **(DELETED)**
 6. **(DELETED)**
 7. Digital Data Access⁴ (a.k.a. BellSouth SPA DS0 Digital Data) - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6 or 56.0 kbps.
 8. High Capacity (a.k.a. BellSouth SPA High Capacity) - a channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, or 44.736 Mbps.
 9. Derived Data Channel⁴ (a.k.a. BellSouth SPA Derived Data Channel) - a digital data channel derived from a two-wire local exchange facility that transmits voice and data signals simultaneously.

Note 1: Company Centrex Type Services Switches and Company Answering Service Concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

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

Note 3: **(DELETED)**

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

Note 5: See Section 2.1.4 for Service availability.

(N)

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

E7.1 General (Cont'd)

E7.1.1 Rate Categories (Cont'd)

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

The customer also has the option of ordering digital high capacity facilities (i.e., 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, and 44.736 Mbps)⁽³⁾ to a Company Hub for channelization to individual channels of a lower capacity. Descriptions of the types of channelization available at the hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in E7.2. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are also set forth in E7.2.

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

E7.1.2 Rate Categories

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

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

A. Local Channel

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

B. Interoffice Channel

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

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.

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.

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

E7.1 General (Cont'd)

E7.1.2 Rate Categories (Cont'd)⁽²⁾

(C)

C. Optional Features and Functions (Cont'd)

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

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

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

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

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

1. Customer Node

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

2. Customer Channel Interface

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

3. Central Office Node

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

4. Central Office Channel Interface

A Central Office Channel Interface provides DS1, DS3, STS-1 electrical channelization and/or OC-3 and/or OC-12 optical channelization that may take place at each Central Office Node located on SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring). The Central Office Channel Interface rate element applies for every interface capacity that originates or terminates at a Central Office Node. A summary of the channel interfaces available with each node are specified in E7.2.16.A. following. Customers with DS3 or STS-1 interfaces at the Customer Node electing to connect with DS1 services at a Central Office Node, must obtain a 28-DS1 Channel System.

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

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

Note 2: See Section 2.1.4 for Service availability.

(N)

Material previously appearing on this page now appears on page(s) 3.1 of this section.

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

E7.1 General (Cont'd)

E7.1.4 Alternate Use

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

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis and filed in Section E12., Specialized Service or Arrangements. The customer will pay the stated tariff rates for the Access service rate elements for the service ordered (i.e., Local Channels, Interoffice Channels as applicable, and Optional Features and Functions, if any.)

E7.1.5 Special Facilities Routing

A customer may request that the facilities used to provide Special Access (*a.k.a. BellSouth SPA*) service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable Only) are as set forth in Section E11. following.

E7.1.6 Design Layout Report

At the request of the customer, the Company will provide to the customer the make-up of the facilities and services provided under this Tariff as Special Access (*a.k.a. BellSouth SPA*) service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report.

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

E7.1.7 Acceptance Testing

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

- A. For Voice Grade² (a.k.a. BellSouth SPA DS0 VG) services, acceptance tests will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade² (a.k.a. BellSouth SPA DS0 VG) services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- B. For other analog services (i.e., Metallic² (a.k.a. BellSouth SPA Metallic), Telegraph² (a.k.a. BellSouth SPA Telegraph), WATS Access Line² (a.k.a. BellSouth SPA WATS Line) and for digital services (i.e., Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Line), WATS Access Line² (a.k.a. BellSouth SPA WATS Line) and High Capacity (a.k.a. BellSouth SPA High Capacity))⁽³⁾, acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

(C)

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade² (a.k.a. BellSouth SPA DS0 VG) service to test other parameters, as described in E13.3.5.B. following, is available at the customer's request. All test results will be made available to the customer upon request.

E7.1.8 Ordering Options And Conditions

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

Note 1: **(DELETED)**

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

Note 3: See Section 2.1.4 for Service availability.

(N)

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

E7.1 General (Cont'd)

E7.1.8 Ordering Options and Conditions (Cont'd)⁽⁴⁾

(C)

- C. For the purposes of ordering, there are nine categories of Special Access (a.k.a. BellSouth SPA) service. These are:
1. - Metallic² (a.k.a. BellSouth SPA Metallic) (MT)
 2. - Telegraph Grade² (a.k.a. BellSouth SPA Telegraph) (TG)
 3. - Voice Grade² (a.k.a. BellSouth SPA DS0 VG) (VG)
 4. - **(DELETED)**
 5. - Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) service (DDAS)
 6. - High Capacity (a.k.a. BellSouth SPA High Capacity) (HC)
 7. - WATS Access Line² (a.k.a. BellSouth SPA WATS Line) (WAL)
 8. - Derived Data Channel² (a.k.a. BellSouth SPA Derived Data Channel) service (DDCS)
 9. - Self-Healing Rings (SMARTRing³ service (a.k.a. BellSouth Dedicated Ring))
- D. Each service consists of a basic channel to which a predefined technical specifications package, channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service is described in this section. Terms, conditions, and rates for Physical Access Collocation Cross-Connects and Virtual Access Collocation Cross-Connects are set forth in Section E13. of this Tariff for those services that are permitted to connect directly to a carrier's collocation space.
- E. The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Company hub where bridging and/or channelization functions are performed.
- F. Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VG1. The first two letters of the code indicate the category of Special Access (a.k.a. BellSouth SPA) service to which the parameters are applicable. These two-letter codes are shown above in parentheses following the category of Special Access (a.k.a. BellSouth SPA) service. The number "1" following the two-letter code indicates the technical specifications package for a voice grade² service. An alphanumeric designation following the two-letter code indicates the specific predefined package. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

Note 1: **(DELETED)**

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

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

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

Note 4: See Section 2.1.4 for Service availability.

(N)

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

E7.1 General (Cont'd)

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

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

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth at the end of this E7.2.

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

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

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

Metallic ² (a.k.a. BellSouth SPA Metallic)	TR-NPL-000336
Telegraph Grade ² (a.k.a. BellSouth SPA Telegraph)	TR-NPL-000336
Voice Grade ² (a.k.a. BellSouth SPA DSO VG)	TR-NPL-000335
	PUB 41004, Table 4

Digital Data Access ² (a.k.a. BellSouth DSO Digital Data)	TR-NPL-000341
For 2.4, 4.8, 9.6 and 56.0 Kbps	BellCore PUB 62310
For 19.2 Kbps	INC. BULLETIN

For 64.0 Kbps	CB-INC-100
High Capacity (a.k.a. BellSouth SPA High Capacity) ⁽³⁾	AT&T PUB 62310

	TR-INS-000342	(C)
	TR-NPL-000054	
WATS Access Line ² (a.k.a. BellSouth SPA WATS Line)	TR-NPL-000334	
Derived Data Channel ² (a.k.a. BellSouth SPA Derived Data Channel) Service ⁽³⁾	BellSouth TR-73548	(C)
	BellSouth TR-73548, Addendum 1	

See Page 8 for footnotes.

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

E7.2 Service Descriptions

E7.2.1 Metallic² (a.k.a. BellSouth SPA Metallic) Service

A. Basic Channel Description

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

B. Technical Specifications Packages

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

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

C. Channel Interfaces

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

D. Optional Features And Functions

1. Central Office Bridging Capability

- Three Premises Bridging - Provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a third customer designated premises.

Note 1: (DELETED)

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

Note 3: See Section 2.1.4 for Service availability.

(N)

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

E7.2 Service Descriptions (Cont'd)⁽²⁾

(C)

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

D. Optional Features And Functions (Cont'd)

6. Telephoto Conditioning (Cont'd)

**Attenuation Distortion
(1004 Hz Reference)**

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

Envelope Delay Distortion

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

7. Signaling Capability

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

8. Improved Termination

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

9. Simplex Reversal

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

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

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

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

Note 2: See Section 2.1.4 for Service availability.

(N)

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

E7.2 Service Descriptions (Cont'd)⁽²⁾

(C)

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

D. Optional Features And Functions (Cont'd)

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

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

E. Four-Wire/Two-Wire Conversions

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer designated premises, a four-wire to two-wire conversion is required. The rate for the conversion is included as part of the basic Local Channel rate.

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

E7.2 Service Descriptions (Cont'd)⁽³⁾

(C)

E7.2.5 Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) Service (Cont'd)

C. Channel Interfaces

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

CI	Bit Rate
DU-24(S) ¹	2.4 Kbps
DU-48(S) ¹	4.8 Kbps
DU-96(S) ¹	9.6 Kbps
DU-19(S) ¹	19.2 Kbps
DU-56(S) ¹	56.0 Kbps
DU-64	64.0 Kbps

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

D. Optional Features and Functions

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

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

4.

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

	Available with Technical Specifications Package DA-					
	1	2	3	4	5	6
Central Office Bridging Capability	X	X	X	X	X	
Secondary Channel Capability	X	X	X	X	X	

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

E7.2 Service Descriptions (Cont'd)

E7.2.5 Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) Service (Cont'd)

- D. Optional Features and Functions (Cont'd)
4.

FlexServ[®] Service (a.k.a. BellSouth SPA Customer Reconfiguration)⁽³⁾

Available with Technical Specifications Package DA-

1	2	3	4	5	6
X	X	X	X	X	X
		X			

(C)

E7.2.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service⁽³⁾

(C)

- A. Basic Channel Description

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

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

- B. Technical Specifications Packages

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

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

- Note 1:** Available only as a cross connect (through connection) of two 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 Kbps channels of two 1.544 Mbps facilities to a Digital Data (a.k.a. BellSouth SPA DS0 Digital Data) Hub(s). The customer must provide system and channel assignment data.
- Note 2:** Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.
- Note 3:** See Section 2.1.4 for Service availability.

(N)

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

E7.2 Service Descriptions (Cont'd)

E7.2.6 High Capacity (*a.k.a. BellSouth SPA High Capacity*) Service (Cont'd)⁽³⁾

(C)

C. Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a High Capacity channel:

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

Compatible channel interfaces are set forth in Technical Reference TR-INS-000342.

D. Optional Features and Functions

1.

2. Clear Channel Capability

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

Note 1: A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Company hub.

Note 2: Effective June 30, 2021, 64.0 Kbps will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

Note 3: See Section 2.1.4 for Service availability.

(N)

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

E7.2 Service Descriptions (Cont'd)

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

(C)

D. Optional Features and Functions (Cont'd)

3. Channelization

a. DS3 to DS1

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

b. DS2 to DS1

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

c. DS1C to DS1

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

d. DS1 Basic Channelization System

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

e. DS0 Basic Channelization System¹

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

4. Channel Interface

a. DS1 Level Channel Interface

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

b. DS1 Level Customer Channel Interface

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

c. DS0 Level Central Office Channel Interface¹

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

d. Subrate Level Central Office Channel Interface¹

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

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

E7.2 Service Descriptions (Cont'd)

E7.2.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽³⁾

(C)

D. Optional Features And Functions (Cont'd)

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

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

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

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

Channelization:

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

Note 1: Available only on 64.0 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.

(N)

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

E7.2 Service Descriptions (Cont'd)

E7.2.14 (DELETED)

E7.2.15 Derived Data Channel² (a.k.a. BellSouth SPA Derived Data Channel) Service⁽³⁾

(C)

A. Basic Service Description

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

Note 1: The desired parameters are selected by the customer from the list of available parameters.

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

E7.2 Service Descriptions (Cont'd)

E7.2.15 Derived Data Channel¹ (a.k.a. BellSouth SPA Derived Data Channel) Service (Cont'd)⁽²⁾

(C)

A. (Cont'd)

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

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

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

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, Digital Data Over Voice ¹

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

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

Note 2: See Section 2.1.4 for Service availability.

(N)

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

E7.4 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access⁽⁵⁾ (a.k.a. BellSouth SPA) service. (C)

E7.4.1 Types Of Rates And Charges

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

1. Monthly Rates

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

Digital Data Access² (a.k.a. BellSouth SPA DS0 Digital Data) service is offered under two contract plans. Contract plan rates are available in payment periods from twenty-four to forty-two months¹ and in payment periods from forty-three to sixty months¹ under conditions specified in the Channel Services Payment Plan in E2.4 of this Tariff. (These payment periods are an exception to those listed in E2.4 of this Tariff.) Termination Liability charges will not apply for customer requests for moves of service under CSPP subject to the provisions set forth in E2.4.9.A.8. preceding. However, a Termination Liability Charge is applicable at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the contract plan except as specified in b. following. The Termination Liability Charge is determined by multiplying the contracted monthly rate times the number of months in the contract plan, less the contracted monthly rate times the number of months the service has been installed, multiplied by a factor. The factor is fifty percent (50%) for contracts that have been in effect twelve (12) months or less, or twenty percent (20%) for contracts that have been in effect longer than twelve (12) months. An example is provided in a. following.

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

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

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

Contract rates are available for DS1 High Capacity (a.k.a. BellSouth SPA High Capacity) service for variable periods with rates based on lengths of thirty-six months^{1, 3, 4}, sixty months^{1, 3, 4}, or eighty-four months^{1, 3, 4} under conditions specified in the Channel Service Payment Plan in E2.4. of this Tariff. A Termination Liability Charge is applicable at the date of termination. The applicable charge is dependent on the contract period subscribed to and will be equal to the number of months remaining in the contract times the monthly rate provided under the contract. However, Termination Liability charges will not apply for customer requests for moves of service under CSPP subject to the provisions set forth in E2.4.9.A.8. preceding.

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

Note 1: Effective March 27, 2019, Customers may not: (1) Establish CSPPs for Digital Data Access Service, Derived Data Channel Service, and BellSouth FlexServ Service, (2) Establish CSPPs greater than 36 months for High Capacity Service, and (3) Convert or renew CSPPs for Digital Data Access Service, Derived Data Channel Service, BellSouth FlexServ Service and High Capacity Service.

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

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

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

Note 5: See Section 2.1.4 for Service availability.

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

E7.4 Rate Regulations (Cont'd)

E7.4.1 Types Of Rates And Charges (Cont'd)⁽⁶⁾

A. (Cont'd)

2. Nonrecurring Charges (Cont'd)

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

a. Installation of Service

Nonrecurring charges apply to each service installed. When one service is ordered and installed, it is billed at the First Service Installed rate. When more than one of the same type of service, between the same locations, for the same customer is ordered and installed at the same time, one at each location is billed at the First Service Installed rate and the others are billed at the Additional Service Installed rate.

b. Installation of Optional Features and Functions

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

First and Additional nonrecurring charges are applicable to activate each individual Central Office Channel Interface of a DS1 or DS0 Basic Channelization System⁽³⁾, and are in addition to the nonrecurring charges for the DS1 or DS0 Basic Channelization System⁽³⁾. 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 System⁽³⁾, per service request. The "Additional" nonrecurring charge applies for each additional Central Office Channel Interface, of the same type, ordered and installed at the same location, for the same customer, at the same time, on the same order request. Future requests for a Central Office Channel Interface on an existing DS1 or DS0 Basic Channelization System⁽³⁾ 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.

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

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

Note 2: **(DELETED)**

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

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

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

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

Note 6: See Section 2.1.4 for Service availability.

(C)

(N)

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

E7.4 Rate Regulations (Cont'd)

E7.4.2 Surcharge For Special Access (a.k.a. BellSouth SPA) Service (Cont'd)⁽³⁾

(C)

E. Application of Rates

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

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

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

The rate for the Special Access (a.k.a. BellSouth SPA) Surcharge is set forth in E7.5.8 following.

E7.4.3 Reserved For Future Use

E7.4.4 Minimum Periods

Except under conditions specified in E2.4.9 of this Tariff and following, the minimum service period for all services is one month.

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

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

E7.4.5 Moves

- A. A move involves a change in the physical location of one of the following:
 1. The point of termination at the customer's premises
 2. The customer's premises
- B. The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.
 1. Moves Within the Same Building

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

Note 1: Effective on or after August 22, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after March 31, 2023.

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

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

Note 3: See Section 2.1.4 for Service availability.

(N)

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

E7.4 Rate Regulations (Cont'd)⁽⁴⁾

(C)

E7.4.7 Facility Hubs

A customer has the option of ordering Voice Grade² (a.k.a. BellSouth SPA DS0 VG) facilities or digital high capacity (a.k.a. BellSouth SPA High Capacity) facilities (i.e., DS1, DS1C, DS2, or DS3) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Telegraph² (a.k.a. BellSouth SPA Telegraph), Voice² (a.k.a. BellSouth SPA DS0 VG), etc.).

Different locations may be designated as Hubs for different facility capacities, e.g., channelization from digital to digital may occur at one location while channelization from digital to analog may occur at a different location. When ordering, the customer will specify the desired channelization Hub(s) selected from the National Exchange Carrier Association Tariff F.C.C. No. 4. This tariff identifies the type(s) of channelization functions which are available and the serving wire centers at which they are available.

Some of the types of channelization available include the following:

- from higher to lower bit rate
- from digital to voice frequency channels

End to end services may be provided on channels of these facilities to a hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is channelized to voice frequency channels, the transmission performance of the channelized services will be Voice Grade² (a.k.a. BellSouth SPA DS0 VG), not High Capacity (a.k.a. BellSouth SPA High Capacity).

The Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade² (a.k.a. BellSouth SPA DS0 VG) or digital Local Channel, Interoffice Channel, if applicable and the Basic Channelization System at the time the facility is installed. DS1 and DS0 Basic Channelization Systems² require a Central Office Channel Interface for activation of each lesser capacity channel. DS3 to DS1 channelization arrangements, for transport of intrastate DS1 (a.k.a. BellSouth SPA DS1) high capacity service channels via LightGate® (a.k.a. BellSouth SPA Point to Point Network) and SMARTRing®³ services (a.k.a. BellSouth SPA Dedicated Ring), require a DS1 channel interface for activation of each DS1 channel. Individual service rates (by service type) will apply for a Local Channel, additional Interoffice Channel and Central Office Channel Interface(s) (as required), if applicable, for each channelized service. These will be billed to the customer as each individual service is installed.

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

When cascading channelization is performed, whether in the same or a different Hub, a charge for the additional Basic Channelization System and Central Office Channel Interfaces(s) also applies. A DS1 Basic Channelization System and DDAS² Central Office Channel Interface are required for highspeed or lowspeed DDAS² activations when channelized from a DS1 (1.544 Mbps) channel. A DS0 Basic Channelization System² and Subrate Central Office Channel Interface² are required for subrate activations of 2.4, 4.8 and 9.6 Kbps when channelized from a DS0 (64 Kbps)² channel. When cascading channelization is performed at different Hubbing locations. Interoffice Channel charges also apply between the Hubs.

A customer can order service(s) between customer designated premises and a hub and will be billed accordingly at the rates set forth in E7.5.5 following for the service, as appropriate. The customer will be charged for each such connection made at the rates for Other Labor as set forth in E13.2.6.(c) following. The rates that apply for the service between each customer designated premises and the hub are a Local Channel and Interoffice Channel, if applicable.

Note 1: (DELETED)

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

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

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

Note 4: See Section 2.1.4 for Service availability.

(N)

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

E7.4 Rate Regulations (Cont'd)

E7.4.8 Shared Use Analog And Digital High Capacity (a.k.a. BellSouth SPA High Capacity) Services⁽³⁾

(C)

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

Note 1: (DELETED)

Note 2: (DELETED)

Note 3: See section 2.1.4 for Service availability.

(N)

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

E7.4 Rate Regulations (Cont'd)

E7.4.8 Shared Use Analog And Digital High Capacity (a.k.a. BellSouth SPA High Capacity) Services (Cont'd)⁽⁴⁾

(C)

Pending

E7.4.9 Reserved For Future Use

E7.4.10 Reserved For Future Use

E7.4.11 Reserved For Future Use

E7.4.12 FlexServ® Service (a.k.a. BellSouth SPA Customer Reconfiguration)

A. General

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

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

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

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

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. BELLSOUTH SPA) SERVICE

E7.4 Rate Regulations (Cont'd)

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

(C)

A. General (Cont'd)

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

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

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

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

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

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

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

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

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

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

2. Customer Circuits

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

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

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

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

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 FlexServ® Service (a.k.a. BellSouth SPA Customer Reconfiguration) (Cont'd)⁽¹⁾

(C)

A. General (Cont'd)

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

- a. Additional Concurrent User Access: This option provides the customer the ability to establish additional concurrent connections to the Company for the communication of monitoring and reconfiguration signals. One additional customer identification code is provided with each additional User Access. For each Additional Concurrent User Access ordered, the customer must also order an additional Management Terminal Interface from the General Subscriber Services Tariff.
- b. Additional User Identification Codes: This option provides customer identification codes in addition to that provided with each User Access. If the customer has a Dial Access to FlexServ® service (a.k.a. *BellSouth SPA Customer Reconfiguration*), then the customer must also order an additional Security Card from the General Subscriber Services Tariff.
- c. Additional Customer Training: This option provides one eight hour day of customer training in addition to that included with basic FlexServ® service (a.k.a. *BellSouth SPA Customer Reconfiguration*). These training classes are conducted at a designated Company location. All other terms that apply for the initial training apply for the subsequent training.
- d. Multipoint Bridging: Multipoint Bridging is a capability which permits the cross connection of multiple channels equipped with FlexServ® service (a.k.a. *BellSouth SPA Customer Reconfiguration*).
 - (1) Multipoint Bridging, sometimes referred to as "DMB", is an option on voice grade (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 FlexServ® service (a.k.a. *BellSouth SPA Customer Reconfiguration*) arrangement into one conferencing arrangement.
 - (2) Multipoint Junction Unit option gives the customer the ability to bridge one master and four patron legs for use with Digital Data Access (a.k.a. *BellSouth SPA DS0 Digital Data*) service. If more than one MJU is required, one of the four patron legs must be used to connect to the master leg of another MJU. The customer is responsible for this connection. The MJU feature is only offered in a unit of five channel connections (one master and four legs).
- e. Subrate Reconfiguration Capability is an option that provides the customer the ability to control all ports of a subrate multiplexer within a FlexServ® service (a.k.a. *BellSouth SPA Customer Reconfiguration*) arrangement. This control includes both the DS0B channel and DS0A legs. The speeds for subrates are 2.4, 4.8, and 9.6 Kbps (does not include 19.2 Kbps). The customer has the responsibility to establish a subrate system using previously acquired DS0 ports.
- f. Reconfigurations by Company Personnel: The customer may request that Company personnel intervene to perform reconfigurations that the customer could otherwise perform without the direct intervention of Company personnel.

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

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

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 FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) (Cont'd)⁽¹⁾

(C)

A. General (Cont'd)

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

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

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

Any customer in a shared FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) arrangement must give the Company 30 days prior written notice of his intent to revoke an agent's authority or to remove his special access services from a shared arrangement. Such notice shall not be effective unless it provides the Company with specific and sufficient directions regarding treatment of the customer's special access services upon revocation of the agent's authority or removal from the shared arrangement.

5. Access Collocation Cross-Connects

Access Collocation Cross-Connects provides a means for customers to interconnect their FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) to **Central Office** Collocation arrangements **within the same Central Office. Terms, conditions, and rates for Physical Access Collocation Cross-Connects and Virtual Access Cross-Connects are set forth in Section E13. of this Tariff.**

B. Application of Rates

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

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

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

Charges for Access to FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) are contained in E7.5.16.

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

a. Additional Concurrent User Access

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

b. Additional User Identification Codes

A nonrecurring charge applies for each additional ID requested.

c. Additional Customer Training

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

d. Multipoint Bridging

Multipoint Bridging (DMB)

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

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 FlexServ® Service (a.k.a. BellSouth SPA Customer Reconfiguration) (Cont'd)⁽²⁾

(C)

B. Application of Rates (Cont'd)

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

d. Multipoint Bridging (Cont'd)

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.

f. Reconfigurations by the Company Personnel

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

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

A. Application of Rates

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

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

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
E7.5 Rates And Charges (Cont'd)

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

- A. Local Channel
1. Per Point of Termination

	Monthly Rate	First Service Installed	Nonrecurring Charge Additional Service Installed	USOC
(a) 1.544 Mbps	\$145.00	\$720.00	\$330.00	TMECS
(b) 3.152 Mbps ¹	-	-	-	TWT++
(c) 6.312 Mbps ¹	-	-	-	TWT++
(d) 44.736 Mbps ¹	-	-	-	TWT++

2. Contract Rates Per Point Of Termination²

	Nonrecurring Charge	Month To Month	24 to 48 Months ^{3, 4, 5}	49 to 72 Months ^{3, 4}	73 to 96 Months ^{3, 4}	USOC
(a) 1.544 Mbps	\$720.00	\$330.00	\$138.00	\$136.00	\$134.00	TMECS

Note 1: ICB rates and charges apply.

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

Note 3: Effective March 27, 2019, Customers may not: (1) Establish CSPPs greater than 36 months for High Capacity Service, and (2) Convert or renew CSPPs for High Capacity Service.

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

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

Note 6: See Section 2.1.4 for Service availability.

(C)

(N)

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

E7.5 Rates And Charges (Cont'd)

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

(C)

B. Interoffice Channel

1. 1.544 Mbps
Mileage Bands

	Fixed Monthly Charge	Monthly Charge Per Mile	Nonrecurring Charge	USOC
(a) 0 mile	\$-	\$-	\$-	1L5XX
(b) 1 thru 8 miles	75.00	32.00	220.00	1L5XX
(c) 9 thru 25 miles	75.00	30.00	220.00	1L5XX
(d) Over 25 miles	75.00	28.00	220.00	1L5XX

2. 1.544 Mbps¹ (Contract Rates)
Mileage Bands

	Nonrecurring Charge	Month To Month	24 to 48 Months ^{3, 4, 5}	49 to 72 Months ^{3, 4}	73 to 96 Months ^{3, 4}	USOC
(a) 0 mile	\$-	\$-	\$-	\$-	\$-	1L5XX
(b) 1 thru 8 miles	220.00	70.00	30.00	28.00	26.00	1L5XX
(c) 9 thru 25 miles	220.00	70.00	28.00	26.00	24.00	1L5XX
(d) Over 25 miles	220.00	70.00	26.00	24.00	22.00	1L5XX

3. 3.152 Mbps
Mileage Bands

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

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

Note 2: ICB rates and charges apply.

Note 3: Effective March 27, 2019, Customers may not: (1) Establish CSPPs greater than 36 months for High Capacity Service, and (2) Convert or renew CSPPs for High Capacity Service.

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

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

Note 6: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (a.k.a. BellSouth SPA) SERVICE

E7.5 Rates And Charges (Cont'd)

E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽²⁾

(C)

B. Interoffice Channel (Cont'd)

4. 6.312 Mbps
Mileage Bands

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

5. 44.736 Mbps
Mileage Bands

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

Note 1: ICB rates and charges apply.

Note 2: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (a.k.a. BellSouth SPA) SERVICE

E7.5 Rates And Charges (Cont'd)

E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽³⁾

(C)

C. Optional Features and Functions

1. Channelization

a. (DELETED)

b. DS3 Channelization

(a) Per arrangement¹

c. DS2 Channelization

(1) DS2 to DS1

(a) Per arrangement¹

d. DS1C Channelization

(1) DS1C to DS1

(a) Per arrangement¹

e. DS1 Channelization

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

(a) Per System

f. DS0 Channelization²

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

(a) Maximum of 20 2.4 Kbps services

(b) Maximum of 10 4.8 Kbps services

(c) Maximum of 5 9.6 Kbps services

Pending

Nonrecurring Charge	Monthly Rate	USOC
\$-	\$-	MXB++
-	-	MXD++
-	-	MXH++
145.00	210.00	MQ1
145.00	120.00	QSU24
145.00	120.00	QSU48
145.00	120.00	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. BellSouth® SPA) SERVICE

E7.5 Rates And Charges (Cont'd)

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

(C)

C. Optional Features and Functions (Cont'd)

2. Channel Interfaces (Per Interface)

a. Sub-DS3 Interfaces

(1) DS1 Level Central Office Channel Interface

	Nonrecurring Charge	Month to Month	24 to 48 Months ^{1, 4, 5}	49 to 72 Months ^{1, 4}	73 to 96 Months ^{1, 4}	USOC
(a) Asynchronous	\$170.00	\$12.00	\$ 8.00	\$ 7.00	\$ 6.00	1D3CA
(b) Synchronous	150.00	36.00	31.00	28.00	25.00	1D3CS

(2) DS1 Level Customer Channel Interface

(a) Asynchronous	\$315.00	\$17.00	\$13.00	\$13.00	\$13.00	1D3DA
(b) Synchronous	245.00	45.00	36.00	33.00	30.00	1D3DS

b. Sub-DS1 Level Interfaces

(1) VG/DS0 Level Central Office Channel Interface

	Nonrecurring Charge		Month to Month	USOC
	First	Additional	Month	
(a) BellSouth® SWA	\$0.00	\$0.00	\$0.00	1D1SW
(b) Metallic ³ (a.k.a. BellSouth® SPA Metallic)	7.00	6.00	16.00	1D1ME
(c) Telegraph ³ (a.k.a. BellSouth® SPA Telegraph)	7.00	6.00	5.00	1D1TE
(d) Voice Grade ³ (a.k.a. BellSouth® SPA DS0 VG)	7.00	6.00	6.50	1D1VG
(e) WATS Access Line ³ (a.k.a. BellSouth® SPA WATS Line)	7.00	6.00	6.50	1D1WT
(f) (DELETED)				
(g) (DELETED)				
(h) DDAS ³	7.00	6.00	13.00	1D1DD

c. Sub-DS0 Level Interfaces³

(1) Subrate Central Office Channel Interface

(a) Subrate (2.4, 4.8, & 9.6 Kbps)	7.00	6.00	13.00	1D0SR
------------------------------------	------	------	-------	-------

Note 1: Effective March 27, 2019, Customers may not: (1) Establish CSPPs greater than 36 months for High Capacity Service, and (2) Convert or renew CSPPs for High Capacity Service.

Note 2: **(DELETED)**

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

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

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

Note 6: See Section 2.1.4 for Service availability.

(N)

E7. SPECIAL ACCESS (a.k.a. BellSouth SPA) SERVICE

E7.5 Rates And Charges (Cont'd)

E7.5.6 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)⁽²⁾

(C)

- C. Optional Features and Functions (Cont'd)
3.

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

(a)	Superframe Format (SF)	-	605.00	-	CCOSF
(b)	Extended Superframe Format (ESF)	-	605.00	-	CCOEF

5. (DELETED)

- Note 1: An additional Local Channel charge will apply whenever the spare line is provided as a leg to the customer premises.
Note 2: 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)⁽³⁾

(C)

E7.5.15 Derived Data Channel² (a.k.a. BellSouth SPA Derived Data Channel) Service

A. Local Channel						
1.	Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel)					
	(a) Per channel at 2.4 Kbps	Nonrecurring Charge	Month to Month	24 to 42 Months ¹	43 to 60 Months ¹	USOC DAXPC
		\$470.00	\$17.00	\$13.50	\$11.00	
2.	DS0-B Interface					
	(a) Per group of twenty channels at 2.4 Kbps each	350.00	70.00	65.00	62.00	DAXP1
B. Interoffice Channel						
1.	Per group of twenty channels at 2.4 Kbps each					
	(a) Fixed	95.00	25.00	23.00	22.00	DAXPF
	(b) Per mile	-	2.05	1.90	1.75	DAXPM

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

A. Basic BellSouth FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration)						
1.	DS0 Channel Connections					
	(a) Voice Grade Type, per DS0 channel	Nonrecurring Charge	Month To Month	24 to 48 Months ¹	49 to 72 Months ¹	73 to 96 Months ¹
		\$35.00	\$14.90	\$13.70	\$12.70	\$11.90
	(b) Digital Type, per DS0 channel	35.00	6.38	6.05	5.66	5.28
2.	DS1 Channel Connections					
	(a) DS0 Switching, per DS1 channel	125.00	96.80	90.20	84.70	78.10
	(b) DS1 Switching, per DS1 channel	125.00	53.90	50.60	46.20	44.00
	(c) Surveillance - DS1 Level per DS1 channel	125.00	53.90	50.60	46.20	44.00
3.	DS3 Channel Connections					
	(a) Surveillance - DS1 Level, per DS3 channel	125.00	375.00	345.00	320.00	300.00
	(b) Surveillance - DS3 Level, per DS3 channel	125.00	150.00	138.00	128.00	120.00
B. BellSouth FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) Options						
1.	Multipoint Bridging					
	(a) Voice Grade Connections, per bridging leg	20.00	4.34	4.23	4.07	3.96
	(b) Multipoint Junction Unit, per 2.4, 4.8, 9.6 or 56 Kbps channel (must purchase in units of 5)	15.00	5.72	5.25	5.00	4.75
	(c) Multipoint Junction Unit, per 19.2 Kbps channel (must purchase in units of 5)	15.00	9.45	8.90	8.40	7.90

Note 1: Effective March 27, 2019, Customers may not convert, renew or establish CSPPs for Derived Data Channel Service and BellSouth FlexServ Service.

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

Note 3: See Section 2.1.4 for Service availability.

(N)

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

E7.5 Rates And Charges (Cont'd)⁽²⁾

(C)

E7.5.16 BellSouth FlexServ Service (a.k.a. BellSouth SPA Customer Reconfiguration) (Cont'd)

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

2. Subrate Reconfiguration Capability

	(a)	Per DS0 equipped (DS0B)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
--	-----	-------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

E7.5.17 Reserved for Future Use

Note 1: Effective March 27, 2019, Customers may not convert, renew or establish CSPPs for BellSouth FlexServ Service.

Note 2: See Section 2.1.4 for Service availability.

(N)