Javier Rodriguez
Lead Regulatory Relations
National Regulatory Organization

816 Congress Ave., Suite 1100
Austin, TX 78701

T 512.457.2260
jrodriguez4@att.com
att.com

November 2, 2026

Sallie Tanner
Executive Secretary
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, Georgia 30344-5701

Dear Ms. Tanner,

Attached for filing with the Commission is the following BellSouth Telecommunications, LLC Georgia Access Services Tariff, to become effective December 02, 2026.

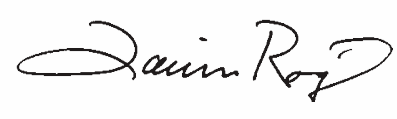
Georgia Access Services Tariff Update

E7 – Special Access (a.k.a. BellSouth SPA) Service

The purpose of this Access Tariff filing is to change terms and conditions for SMARTRing Service, effective on December 2, 2026.

Please acknowledge receipt of this tariff by stamping and returning the second copy of this letter. If you have any questions concerning this filing, please contact me at 512-457-2260 or jrodriguez4@att.com.

Sincerely,



Lead Regulatory Relations

Attachments

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

E7.1 General (Cont'd)

E7.1.1 Channel Types (Cont'd)[3]

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

1. The customer also has the option of ordering digital high capacity facilities (i.e., 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, and 44.736 Mbps) to a Company Hub for channelization to individual channels of a lower capacity. Descriptions of the types of channelization available at the hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in E7.2. 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.
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 Grade (a.k.a. BellSouth SPA DS0 VG)[1] channels or may be extended to other customer designated premises. Optional features may be added to either the 1.544 Mbps or the Voice Grade (a.k.a. BellSouth SPA DS0 VG)[1] channels.

E7.1.2 Rate Categories (C)

A. The following rate categories apply to Special Access (a.k.a. BellSouth SPA) service:

1. Local Channels (described in E7.1.2.B. following)
2. Interoffice Channel (described in E7.1.2.C. following)
3. Optional Features and Functions (described in E7.1.2.D. following)
4. SMARTPath[*4] service (a.k.a. BellSouth SPA DS1 Shared Ring) Area Connections (described in E7.1.2.F. following)
5. SMARTPath[*4] service (a.k.a. BellSouth SPA DS1 Shared Ring) Area Junctions (described in E7.1.2.G. following)
6. SMARTRing[®2 4] service (a.k.a. BellSouth Dedicated Ring) (described in E7.1.2.H following)

B. Local Channel

The Local Channel rate category provides for the communications path between the demarcation point at a customer designated premises and the serving wire center of that premises. Included as part of the Local Channel is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in E7.1.2.C. One Local Channel charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer premises and the serving wire center are co-located in a Company building.

C. Interoffice Channel

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

D. Optional Features and Functions

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

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

Note 2: Effective on or after December 1, 2021 (as permitted by the FCC), 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.

Note 4: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

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

E7.1 General (Cont'd)

E7.1.2 Rate Categories (Cont'd)(2)

D. Optional Features and Functions (Cont'd)

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

- Signaling Capability
- Hubbing Functions
- Conditioning
- BellSouth Customer Network Management Service

E. 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.

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

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

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

H. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing[1 3] service [a.k.a. BellSouth Dedicated Ring]) (C)

1. Customer Node

   Customer Nodes provide ring switching capabilities at customer designated locations other than Telephone Company Premises that are part of SMARTRing service (a.k.a. BellSouth Dedicated Ring). This rate element offers OC-3, OC-3+, OC-12, OC-48, or OC-48+ network capacities. An OC-1 network capacity is available only in an Overlay Ring Arrangement riding the customer's host OC-12, OC-48, or OC-48+ SMARTRing service (a.k.a. BellSouth Dedicated Ring) installed on or after June 3, 1994. A summary of the channel interfaces available with each node are specified in E7.2.11.A following.

2 Customer Channel Interface

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

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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.

Note 3: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

Material previously appearing on this page now appears on page(s) 3.0.1 of this section.

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

E7.1 General (Cont'd)

E7.1.2 Rate Categories (Cont'd)

H. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing®[1] [2] service [a.k.a. BellSouth Dedicated Ring]) (Cont'd) (C)

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.
5. Local Channel

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

   The Alternate Central Office Channel provides for the communications path between a customer node and an alternate central office. It is available with all capacities of SMARTRing service (a.k.a. BellSouth Dedicated Ring) except OC-1.
7. Interoffice Channel

   The Interoffice Channel provides for the communications path between directly connected Telephone Company central offices located on a SMARTRing service (a.k.a. BellSouth Dedicated Ring). It is available with all capacities of SMARTRing service (a.k.a. BellSouth Dedicated Ring) except OC-1. This rate element does not apply where Central Office Nodes are adjacently connected in the same Central Office on the same SMARTRing service (a.k.a. BellSouth Dedicated Ring) for the purpose of providing additional node capacity.
8. Internodal Channel

   The Internodal Channel provides for the communications path between two directly connected Customer Nodes of a given SMARTRing service (a.k.a. BellSouth Dedicated Ring) located (a) in the same Serving Wire Center area or (b) in the same Office Park/Campus Environment or contiguous property, located in contiguous Serving Wire Center areas. It is available with all capacities of SMARTRing service (a.k.a. BellSouth Dedicated Ring) except OC-1. This rate element does not apply where Customer Nodes are adjacently connected in the same building on the same SMARTRing service (a.k.a. BellSouth Dedicated Ring) for the purpose of providing additional node capacity.
9. Channel Interface Capacity Reallocation

   Channel Interface Capacity Reallocation allows the customer to reallocate STS-1, DS3 capacity interfaces at each node subsequent to the initial service installation.

I. Reserved for Future Use

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

Material appearing on this page previously appeared on page(s) 3 of this section.

® Registered Service Mark of BellSouth Corporation
* Service Mark of BellSouth Corporation

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

E7.1 General (Cont'd)

E7.1.2 Rate Categories (Cont'd)

J. Access Collocation Cross-Connects

Access Collocation Cross-Connects provide a means for customers to interconnect their Shared Use and Digital High Capacity (a.k.a. BellSouth SPA High Capacity)(3) to Central Office Collocation arrangements within the same Central Office. Terms, conditions, and rates for Physical Access Collocation Cross-Connects and Virtual Access Collocation Cross-Connects are set forth in Section E13. of this Tariff.

E7.1.3 Service Configurations

There are three types of service configurations over which Special Access (a.k.a. BellSouth SPA) services are provided: two-point service, multipoint service and SMARTRing[14] service (a.k.a. BellSouth Dedicated Ring). (C)

A change from one Special Access service (a.k.a. BellSouth SPA) configuration to another will be treated as a discontinuance of existing service and installation of a new service as set forth in E5 preceding, except for BellSouth Customer Network Management Service reconfigurations.

A. Two-Point Service

A two-point service connects two customer-designated premises, either on a directly connected basis or through a hub where channelization functions are performed.

Applicable rate elements are:

- Local Channels
- Interoffice Channels (as applicable)
- Optional Features and Functions (when applicable)

In addition, a Special Access (a.k.a. BellSouth SPA) Surcharge as set forth in E7.4.2 following and a Message Station Equipment Recovery Charge as set forth in E7.4.3 following may be applicable.

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

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

Note 2: ***(DELETED)***

Note 3: See Section 2.1.4 for Service availability.

Note 4: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

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

E7.1 General (Cont'd)

E7.1.3 Service Configurations (Cont'd)

C. SMARTRing®[1,2] service (a.k.a. BellSouth Dedicated Ring) (C)

1. The SMARTRing service (a.k.a. BellSouth Dedicated Ring) configuration utilizes a multi-nodal ring architecture which is specified jointly by the Telephone Company and the customer. The minimum configuration provides dedicated DS3 and/or DS1 digital services and must include at least three nodes. The three nodes may all be Central Office Nodes in Telephone Company Central Offices, or the three nodes may be a Central Office Node in a Telephone Company Central Office, a Customer Node at a customer's designated location and the third node may be either a Central Office Node or a node at another customer designated location. Additional nodes for either arrangement may be any combination thereof. The maximum number of nodes will be determined based on equipment capability. The nodes are connected by SMARTRing service (a.k.a. BellSouth Dedicated Ring) Local Channels, Alternate Central Office Channels, Interoffice Channels and Internodal Channels as applicable. SMARTRing service (a.k.a. BellSouth Dedicated Ring) may be connected to other DS3/DS1 services only at Central Office Nodes. With OC-12 SMARTRing service (a.k.a. BellSouth Dedicated Ring) installed on or after June 3, 1994, and with OC-48 and OC-48+ SMARTRing service (a.k.a. BellSouth Dedicated Ring) the customer may request an OC-1 and/or OC-3 Overlay Ring Arrangement riding the customer's host OC-12, OC-48, or OC-48+ SMARTRing service (a.k.a. BellSouth Dedicated Ring). With OC-48 SMARTRing service (a.k.a. BellSouth Dedicated Ring), the customer may request an OC-3+ and/or OC-12 Overlay Ring Arrangement riding the customer's host OC-48 SMARTRing service (a.k.a. BellSouth Dedicated Ring). In an Overlay Ring Arrangement, node and channel configuration requirements apply to the host SMARTRing service (a.k.a. BellSouth Dedicated Ring).
2. Applicable rate elements for this service are:
   a. Customer Node (at least one for configurations other than three Central Office Node arrangement)
   b. Customer Channel Interface (one for each originating/terminating activated DS1, DS3, STS-1, OC-3, and/or OC-12 for each Customer Node)
   c. Central Office Node (at least one for configurations other than three Central Office Node arrangement)
   d. Central Office Channel Interface (one for each originating/terminating activated DS1, DS3, STS-1, OC-3 and/or OC-12 for each Central Office Node or one for each 28 DS1 Channel System and associated DS1 Channel Interfaces for each activated DS3)
   e. Local Channel (at least one for each Customer Node which is directly connected to the serving wire center)
   f. Alternate Central Office Channel (at least one for each Customer Node which is directly connected to an Alternate Central Office)
   g. Internodal Channel (one for each path between two directly connected customer nodes)
   h. Interoffice Channel (one for each path between each two directly connected Telephone Company Central Offices)
   i. Channel Interface Capacity Reallocation (one per node per occurrence)

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

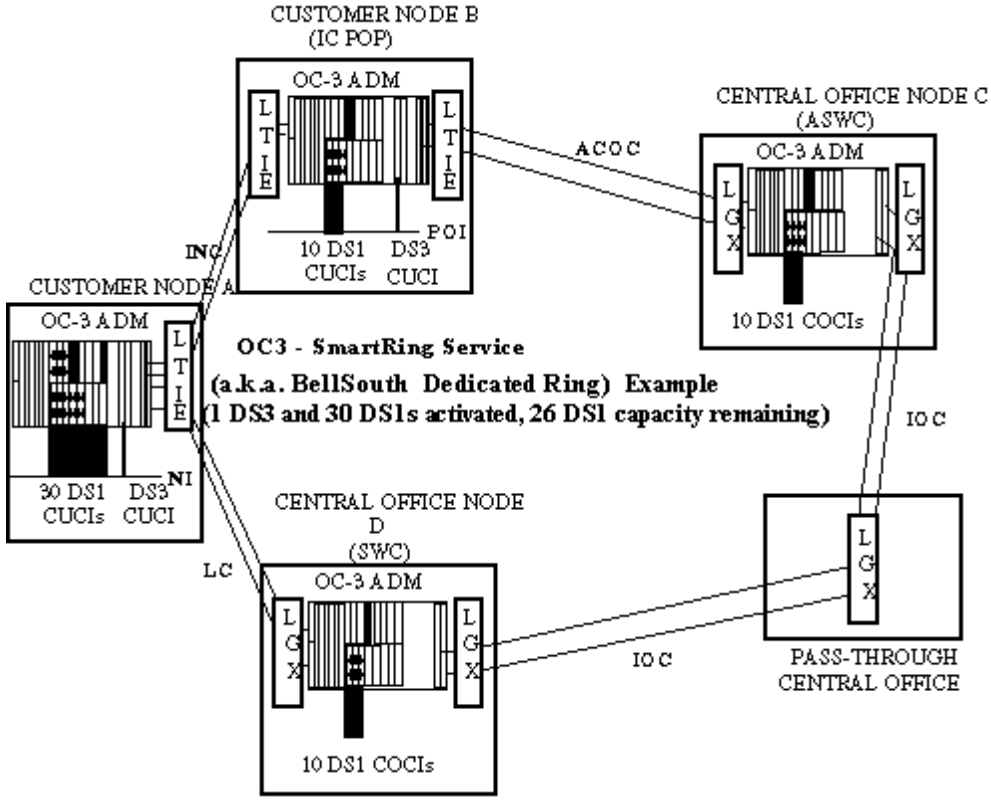
® Registered Service Mark of BellSouth Corporation

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

E7.1 General (Cont'd)

E7.1.3 Service Configurations

C. SMARTRing®[1 2] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)



Example: SMARTRing® service (a.k.a. BellSouth Dedicated Ring) OC-3 capacity.

For this example the following rate elements are applicable:

- ***2 Customer Nodes***
- ***2 Central Office Nodes***
- ***1 Local Channel***
- ***1 Internodal Channel***
- ***1 Alternate Central Office Channel***
- ***2 Interoffice Channels***
- ***2 DS3 Customer Channel Interfaces***
- ***40 DS1 Customer Channel Interfaces***
- ***20 DS1 Central Office Channel Interfaces***

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

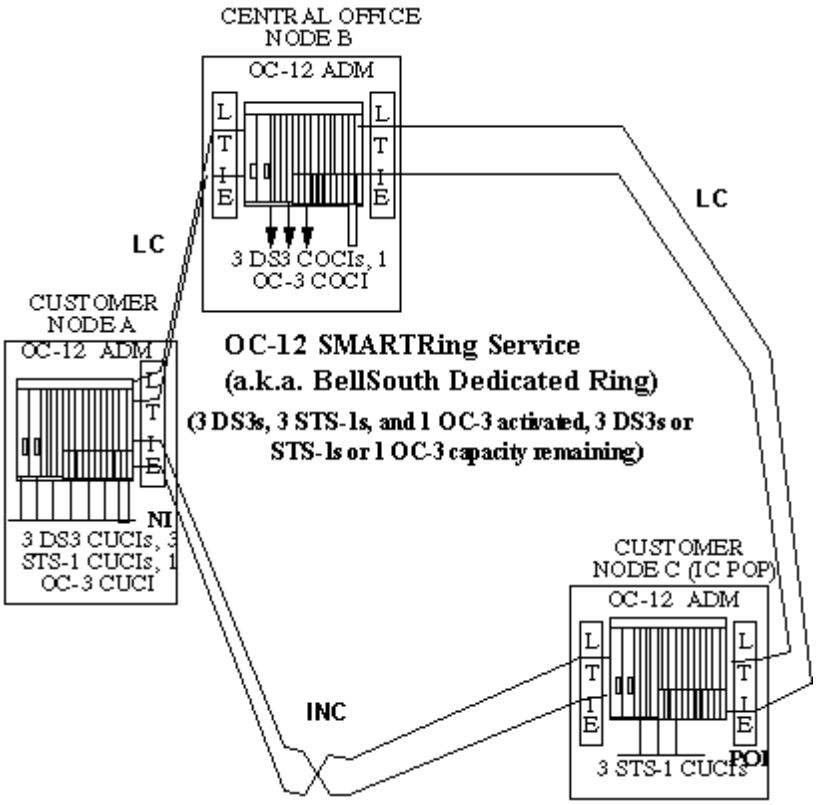
® Registered Service Mark of BellSouth Corporation

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

E7.1 General (Cont'd)

E7.1.3 Service Configurations (Cont'd)

C. SMARTRing®[1 2] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)



Example: SMARTRing® service (a.k.a. BellSouth Dedicated Ring) OC-12 capacity.

For this example the following rate elements are applicable:

- ***2 Customer Nodes***
- ***1 Central Office Nodes***
- ***2 Local Channels***
- ***1 Internodal Channel***
- ***3 DS3 Customer Channel Interfaces***
- ***3 DS3 Central Office Channel Interfaces***
- ***6 STS-1 Customer Channel Interfaces***
- ***1 OC-3 Customer Channel Interface***
- ***1 OC-3 Central Office Channel Interface***

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

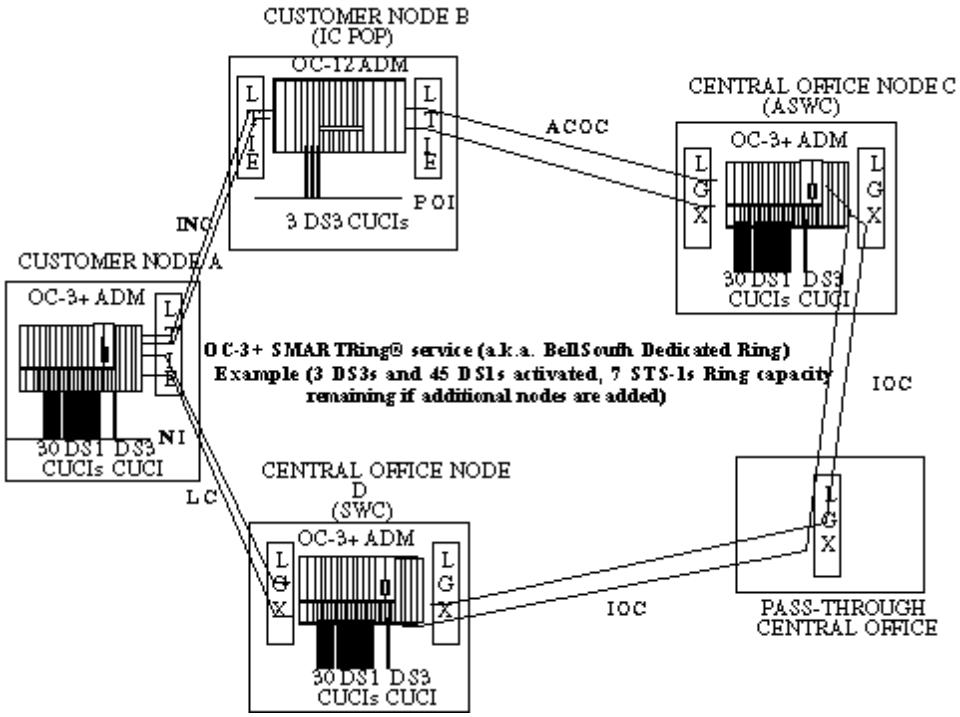
® Registered Service Mark of BellSouth Corporation

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

E7.1 General (Cont'd)

E7.1.3 Service Configurations (Cont'd)

C. SMARTRing®[1 2] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)



Example: SMARTRing® service (a.k.a. BellSouth Dedicated Ring) OC-3+ capacity.

For this example the following rate elements are applicable:

- ***2 Customer Nodes***
- ***2 Central Office Nodes***
- ***1 Local Channel***
- ***1 Internodal Channel***
- ***1 Alternate Central Office Channel***
- ***2 Interoffice Channels***
- ***4 DS3 Customer Channel Interfaces***
- ***2 DS3 Central Office Channel Interfaces***
- ***30 DS1 Customer Channel Interfaces***
- ***60 DS1 Central Office Channel Interfaces***

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

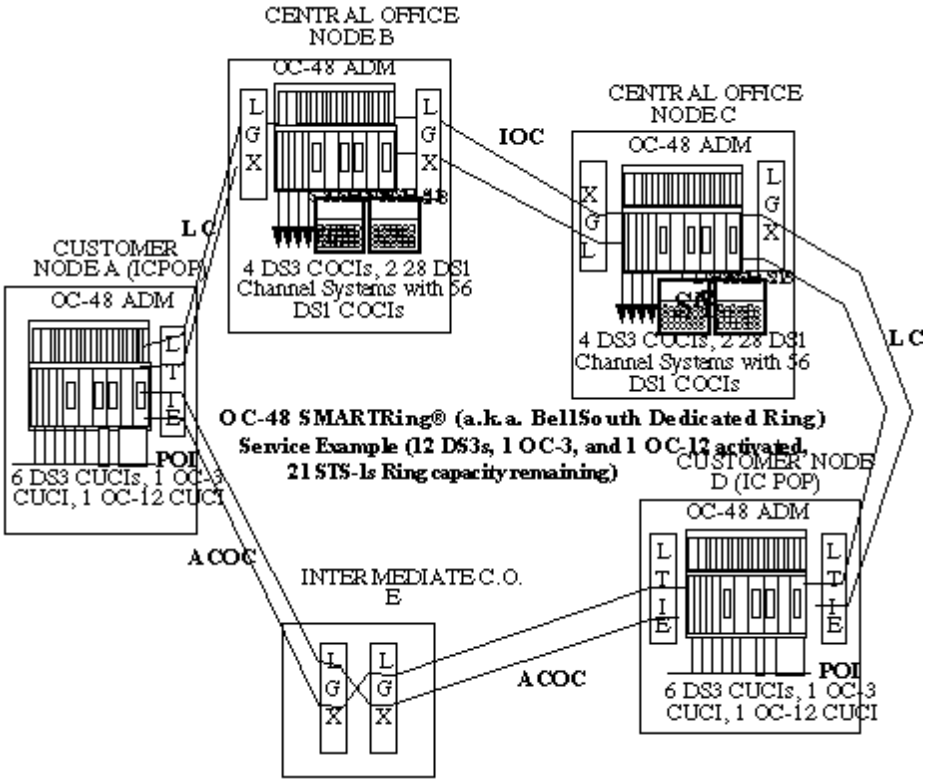
® Registered Service Mark of BellSouth Corporation

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

E7.1 General (Cont'd)

E7.1.3 Service Configurations (Cont'd)

C. SMARTRing®[1 2] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)



Example: SMARTRing® service (a.k.a. BellSouth Dedicated Ring) OC-48 capacity.

For this example the following rate elements are applicable:

- ***2 Customer Nodes***
- ***2 Central Office Nodes***
- ***2 Local Channels***
- ***2 Alternate Central Office Channels***
- ***1 Interoffice Channel***
- ***12 DS3 Customer Channel Interfaces***
- ***8 DS3 Central Office Channel Interfaces***
- ***4 28 DS1 Channel Systems (DS3)***
- ***112 DS1 Central Office Channel Interfaces***
- ***2 OC-3 Customer Channel Interfaces***
- ***2 OC-12 Customer Channel Interfaces***

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

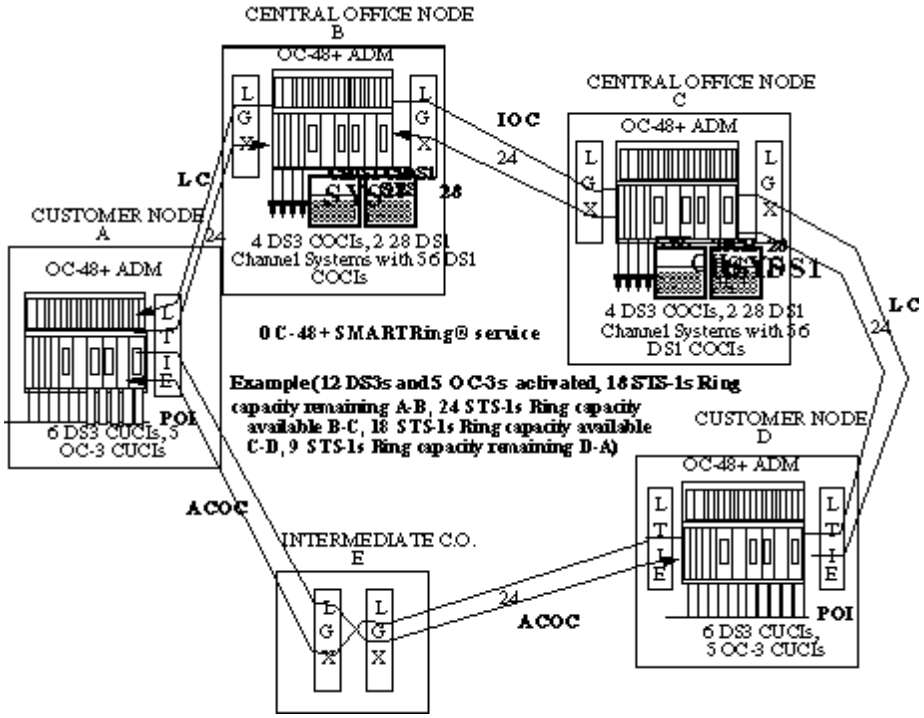
® Registered Service Mark of BellSouth Corporation

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

E7.1 General (Cont'd)

E7.1.3 Service Configurations (Cont'd)

C. SMARTRing®[1 2] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)



Example: SMARTRing® service (a.k.a. BellSouth Dedicated Ring) service OC-48+ capacity.

For this example the following rate elements are applicable:

- ***2 Customer Nodes***
- ***2 Central Office Nodes***
- ***2 Local Channels***
- ***2 Alternate Central Office Channels***
- ***1 Interoffice Channel***
- ***12 DS3 Customer Channel Interfaces***
- ***8 DS3 Central Office Channel Interfaces***
- ***4 28 DS1 Channel Systems (DS3)***
- ***112 DS1 Central Office Channel Interfaces***
- ***10 OC-3 Customer Channel Interfaces***

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (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. For the purposes of ordering, there are nine categories of Special Access *(*a.k.a. BellSouth SPA) service. These are: (Cont'd)

2. Voice Grade (a.k.a. BellSouth SPA DS0 VG)[2] (VG)
3. ***(DELETED)***
4. Reserved for Future Use
5. Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data)[2] service (DDAS)
6. High Capacity (a.k.a. BellSouth SPA High Capacity) (HC)
7. Self-Healing Rings (SMARTRing*[3]* service [a.k.a. BellSouth Dedicated Ring])*[5]* (C)
8. WATS Access Line (a.k.a. BellSouth SPA WATS Line)[2] (WAL)
9. Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel)[2] service (DDCS)

D. Each service consists of a basic channel to which a predefined technical specifications package, channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service is described in this section. Terms, conditions, and rates for Physical Access Collocation Cross-Connects and Virtual Access Collocation Cross-Connects are set forth in Section E13. of this Tariff for those services that are permitted to connect directly to a carrier's collocation space.

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

F. Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VG1. The first two letters of the code indicate the category of Special Access (a.k.a. BellSouth SPA) service to which the parameters are applicable. These two-letter codes are shown above in parentheses following the category of Special Access (a.k.a. BellSouth SPA) service. The number "1" following the two-letter code indicates the technical specifications package for a voice grade (a.k.a. BellSouth SPA DS0 VG)[2] service. An alphanumeric designation following the two-letter code indicates the specific predefined package. When appropriate, the Technical Reference that contains detailed specifications for the parameters is shown following the matrix.

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

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

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

Note 1: ***(DELETED)***

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

Note 3: Effective on or after December 1, 2021 (as permitted by the FCC), 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.

Note 5: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

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

E7.2 Service Descriptions (Cont'd)[2][3] (C)

E7.2.12 SMARTPath Service (a.k.a. BellSouth SPA Shared Ring)

A. Service Description

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

SMARTPath service (a.k.a. BellSouth SPA Shared Ring) provides a transport link between a customer designated premises where the network is accessed and (1) another customer designated premises, in the same SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area or (2) a serving wire center in the same SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area for connection to (a) DS1 Basic Channelization, BellSouth Customer Network Management Service, SMARTRing[1] service (a.k.a. BellSouth Dedicated Ring) or DS3 service as provided in Section E7. of this Tariff, or (b) a SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Junction of another SMARTPath service area in the same Metropolitan Area.

The technical specifications and standard network interfaces for SMARTPath service (a.k.a. BellSouth SPA Shared Ring) are contained in BellSouth Services Technical Reference Publication 73575. This publication is available from BellSouth Telecommunications, Inc. Regional Documentation Coordinator, 20th Floor, 600 North 19th Street, Birmingham, Alabama 35203.

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

B. Performance Objectives

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

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

C. Performance Guarantees

The performance guarantees for SMARTPath service (a.k.a. BellSouth SPA Shared Ring) are as follows:

1. Guaranteed service installation - the Company will meet negotiated due date or credit an amount equal to the nonrecurring charge according to the Service Installation Guarantee described in E2.4.9 preceding.
2. Service Continuity - in the event of primary facility failure, service is guaranteed to switch to an alternate facility path in sixty (60) seconds or less. Failure to meet this guarantee will result in a credit as described in E2.4.4.B.7. preceding, where the trouble is in the network.

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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.

Note 3: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

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

E7.2 Service Descriptions (Cont'd)

E7.2.15 Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) Service[2][4][5] (Cont'd) (C)

B. (Cont'd)

Compatible channel interface specifications are contained in BellSouth Technical Reference Publication 73548 for data/voice multiplexing equipment and BellSouth Technical Reference 73548, Addendum 1, for access to a DS0-B interface. These publications are available from the Information Exchange Manager, BellSouth Telecommunications, Inc., Regional Documentations Coordinator, 20th Floor, 600 North 19th Street, Birmingham, Alabama 35203.

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

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

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

   Channel Interface Reallocation allows the customer to reallocate STS-1, DS3 and/or DS1 capacities to OC-3 nodes subsequent to the initial configuration of an OC03 ring.
5. OC-3+ SMARTRing®[1] service (a.k.a. BellSouth Dedicated Ring) is available as an individual service, or in combination with OC-12 SMARTRing® service (a.k.a. BelSouth Dedicated Ring), or in an Overlay Ring Arrangement riding the customer's host OC-48, OC-192 or OC-192+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring). OC-3+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring) provides an equivalent OC-3 capacity, not to exceed 3 DS3s at each node, with a maximum ring capacity of 12 DS3s, not to exceed an OC-12 ring capacity.
6. When a customer orders OC-3+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring) in combination with OC-12 SMARTRing® service (a.k.a. BellSouth Dedicated Ring), capacity and channel interface availability at each Customer Node and Central Office Node location is determined by the size node ordered by the customer.

Note 1: Effective July 4, 2015, the Company will accept only disconnect orders for OC-3+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring), including orders associated with existing service. Move, add or change orders will no longer be accepted.

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

Note 3: Effective on or after December 1, 2021 (as permitted by the FCC), 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.

Note 5: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

Material previously appearing on this page now appears on page(s) 21.3.1 of this section.

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

E7.2 Service Descriptions (Cont'd)

E7.2.16 SMARTRing®[1 2] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)

A. Self-healing Multi-nodal Alternate Route Topology Ring (Cont'd)

7. OC-12 SMARTRing® service (a.k.a. BellSouth Dedicated Ring) is available as an individual service, or in combination with OC-3+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring), or in an Overlay Ring Arrangement riding the customer's host OC-48, OC-48+, OC-192 or OC-192+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring). OC-12 SMARTRing® service (a.k.a. BellSouth Dedicated Ring) provides an equivalent capacity of 12 DS3s.
8. OC-48 SMARTRing® service (a.k.a. BellSouth Dedicated Ring) is available as an individual service, or in an Overlay Ring Arrangement riding the customer's host OC-192 or OC-192+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring), or with overlaying rings in capacities of OC-1, OC-3, OC-3+ and/or OC-12. OC-48 SMARTRing® service (a.k.a. BellSouth Dedicated Ring) provides an equivalent capacity of 48 DS3s.
9. OC-48+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring) is available as an individual bi-directional service, or in an Overlay Ring Arrangement riding the customer's host OC-192 SMARTRing® service (a.k.a. BellSouth Dedicated Ring), or with overlaying rings in capacities of OC-1, OC-3, OC-3+ and/or OC-12. It provides equivalent capacity of 24 DS3s between consecutive node locations on the ring. The maximum capacity of the OC-48+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring) is determined by the number of Customer and Central Office nodes on the ring.
10. OC-192 SMARTRing® service (a.k.a. BellSouth Dedicated Ring) is available as an individual service, or with overlaying rings in capacities of OC-3, OC-3+, OC-12, OC-48 and /or OC-48+. OC-192 SMARTRing® service (a.k.a. BellSouth Dedicated Ring) provides an equivalent capacity of 192 DS3s.
11. OC-192+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring) is available as an individual bi-directional service, or with overlaying rings in capacities of OC-3, OC-3+, OC-12 and /or OC-48. It provides equivalent capacity of 96 DS3s between consecutive node locations on the ring. The maximum capacity of the OC-192+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring) is determined by the number of Customer and Central Office nodes on the ring.

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

All BellSouth marks contained herein are owned by BellSouth Intellectual Property Corporation

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

E7.2 Service Descriptions (Cont'd)

E7.2.16 SMARTRing[7] [8] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)

A. Self-healing Multi-nodal Alternate Route Topology Ring (Cont'd)

12. SMARTRing service (a.k.a. BellSouth Dedicated Ring) Channel Interfaces are available as follows:

	Nodes							
Channel Interfaces	**OC-1**	**OC-3**	**OC-3+**	**OC-12**	**OC-48**	**OC-48+**	**OC-192**	**OC-192+**
DS1	Yes	Yes	Yes	No[1]	No[1]	No[1]	No[1]	No[1]
DS3	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
STS-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OC-1[2]	No	No	No	Yes	Yes	Yes	Yes	Yes
OC-3	No	No	No	Yes	Yes	Yes	Yes	Yes
OC-12	No	No	No	No	Yes	Yes	Yes	Yes
28 DS1 Channel System (DS3)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
28 DS1 Channel System (STS-1)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
1000 Mbps	No	No	No	No	Yes[3]	Yes[3]	Yes	Yes
100 Mbps BellSouth Metro Ethernet Backbone[4,6]	No	No	No	Yes	Yes	Yes	Yes	Yes
1000 Mbps BellSouth Metro Ethernet[6] Backbone	No	No	No	No	Yes	Yes	Yes	Yes
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet[6] Backbone[5]	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet[6] Backbone[5]	No	No	No	No	Yes	Yes	Yes	Yes

13. SMARTRing service (a.k.a. BellSouth Dedicated Ring) Overlay Ring Arrangements are available as follows:

Overlaying SMARTRing service (a.k.a. BellSouth Dedicated Ring)	**Host SMARTRing service (a.k.a. BellSouth Dedicated Ring)**				
	OC-12	OC-48	OC-48+	OC-192	OC-192+
OC-1	X	X	X	X	X
OC-3	X	X	X	X	X
OC-3+		X	X	X	X
OC-12		X	X	X	X
OC-48				X	X
OC-48+					X

Note 1: DS1 interfaces are available via OC-1, OC-3, and OC-3+ Overlay Ring Arrangements or 28 DS1 Channel Systems only.

Note 2: OC-1 interfaces are only available for use with OC-1 Overlay Ring Arrangements.

Note 3: 1000 Mbps interfaces are only available for rings installed after October 30, 2003. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 4: 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1s utilized in conjunction with the interface.

Note 5: Interface availability is based on equipment capability.

Note 6: Effective 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 7: Effective on or after December 1, 2021 (as permitted by the FCC), 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 8: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

Material previously appearing on this page now appears on page(s) 21.4.1 of this section.

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

E7.2 Service Descriptions (Cont'd)

E7.2.16 SMARTRing[1] [2] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)

A. Self-healing Multi-nodal Alternate Route Topology Ring (Cont'd)

14. SMARTRing service (a.k.a. BellSouth Dedicated Ring) is connectible at Telephone Company Central Offices to any 44.736 Mbps and/or 1.544 Mbps services as provided in Section E7. of this Tariff. Rates and charges for such other services are as set forth in the applicable sections of this tariff for such other services.

15. Shared Network Arrangements will not be provided with SMARTRing service (a.k.a. BellSouth Dedicated Ring) at the ring level. Shared Network Arrangements as defined in E2.6 preceding apply to DS1 channel interfaces only.

    The customer must provide suitable floor space, controlled environment, and source of non-switched suitable power to support this service.

16. Where the customer provides two separate entrance facility cable routes for SMARTRing service (a.k.a. BellSouth Dedicated Ring), the primary and alternate entrance facilities will be separate and will enter the customer node over such different routes. When the customer requests a connection at a Customer Node via two local channels and Telephone Company facilities do not exist for the second Local Channel, the Telephone Company may provide an equivalent second Local Channel via an existing alternate route. When facilities become available for the second Local Channel, the Telephone Company may rearrange the alternate route at any time.

17. When the distance between nodes on a SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is such that optical signal regeneration is required, then regeneration equipment will be provided at no additional charge to the customer to assure proper operation of the service. In some cases regeneration will be provided via SONET Add/Drop equipment called a Regeneration Node. A Regeneration Node does not contain the capability to add or drop services. Accordingly, FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) Customer Network Management may not be ordered with a Regeneration Node, however, a customer may monitor a Regeneration Node via the BellSouth Customer Network Management Service Surveillance option when a customer has established surveillance for a ring. Regeneration Node Surveillance is provided as a part of the charges associated with the customer's ring level BellSouth Customer Network Management Service Surveillance. Regeneration Node and Regeneration Node Surveillance, as applicable, will appear on a customer's records as non-rated USOC(s), as follows:

	USOC
Regeneration Node, all ring capacities, non-rated	SHNRD
Regeneration Node Surveillance, all ring capacities, non-rated	SHNRS

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

M1 Material appearing on this page previously appeared on page(s) 21.4 of this section.
M2 Material appearing on this page previously appeared on page(s) 21.5 of this section.

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

E7.2 Service Descriptions (Cont'd)

E7.2.16 SMARTRing[1 2] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)

A. Self-healing Multi-nodal Alternate Route Topology Ring (Cont'd)

18. Effective February 16, 2007, Shared Node Interconnection is available, based on equipment capability, whereby two SMARTRing service arrangements belonging to the same customer may share a node in a central office that is common to both rings. Shared Node Interconnection capability is available based on equipment capability. With Shared Node Interconnection, one of the rings (i.e., the larger capacity ring) is considered the Primary Ring and the other ring is considered the Secondary Ring. Primary Rings may be an OC-12, OC-48 or an OC-192 ring. A Secondary Ring is always a lower capacity ring than that of the Primary Ring. The various Shared Node Interconnection service arrangements that are available are as follows:

Shared Node Interconnection Primary Ring Capacity	**Shared Node Interconnection Secondary Ring Capacity Available For Use With Primary Rings**			
	OC-3	OC-12	OC-48	OC-48+
OC-12	X			
OC-48	X	X		
OC-192	X	X	X	X

With Shared Node Interconnection, the Primary Ring shall have a Central Office Node and the Secondary Ring shall have a Shared Node Interconnection Central Office Node in the central office associated with the ring interconnection. For the Secondary Ring, a Shared Node Interconnection Central Office Node is considered toward meeting the three node minimum requirement for the Secondary Ring. This shared node will utilize capacity of the Primary Ring node, based on the size of the Secondary Ring, and will count toward the capacity the customer has available at the location. Should the customer require more capacity at a shared node central office location than is available on the Primary Ring node, then additional billable service components will be required.

Only one Shared Node Interconnection arrangement is available for an individual Central Office Node on a Primary Ring.

Reconfiguration is not allowed at central office nodes that are configured for Shared Node Interconnection.

B. Technical Specifications Packages

1. The compatibility requirements, technical specifications, and generic requirements for SMARTRing service (a.k.a. Bellsouth Dedicated Ring) terminated at the customers designated locations are referenced in Technical Reference ANSI T1.404-1994, ANSI T1.403-1989 and ANSI T1.105-1991.
2. DS3 interface combinations and technical specifications are referenced in Bellcore TR-INS-000342.
3. DS1 interface combinations and technical specifications are referenced in Bellcore TR-NPL-000054.
4. STS-1, OC-1, OC-3, and OC-12 interface combinations and technical specifications are referenced in BellSouth Telecommunications, Inc. Technical Reference TR-73582.
5. These self-healing multi-nodal DS3 high capacity (a.k.a. BellSouth SPA DS3) service channels have a long term performance objective of 99.5 percent error-free seconds and a severely errored second (SES) objective of less than 0.009 percent SES when the circuit is available. Self-healing multi-nodal DS1 high capacity (a.k.a. BellSouth SPA DS1) service channels have a long term performance objective of 99.95 percent error-free seconds.

E7.2.17 Reserved for Future Use

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

Material previously appearing on this page now appears on page(s) 21.4.1 of this section.

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)
   - Installation of service,
   - Installation of optional features and functions, and
   - Service rearrangements

   The following list identifies the individual Special Access (a.k.a. BellSouth SPA) services provided under Section E7. of this Tariff which are eligible for credit of nonrecurring charges under "Service Installation Guarantee" found in E2.4.10 of this Tariff. Customers with these services are not eligible for the Service Installation Guarantee when the requested installation, move or rearrangement service order interval is four days or less as measured from the Application Date of the order.
   - Voice Grade (a.k.a. BellSouth SPA DS0 VG)[3],
   - ***(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
   - SMARTPath service (a.k.a. BellSouth SPA Shared Ring)(7) (C)
   - SMARTRing[5] service (a.k.a. BellSouth Dedicated Ring)(7) (C)

   Provided, however, that the following services are not eligible for such credit.
   - BellSouth Customer Network Management Service
   - Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) service[3]
   - 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.

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 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 (as permitted by the FCC), 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.

Note 7: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

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

E7.4 Rate Regulations (Cont'd)

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

A. (Cont'd)

3. Service Rearrangements (Cont'd)

- If the change involves the addition of a DS3 Network Interface Unit (NIU) to a SMARTRing[1] [2] service (a.k.a. BellSouth SPA Dedicated Ring) the rates and charges shown in E13.3.25 of this Tariff shall apply. (C)

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

4. Transfer of Service

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

E7.4.2 Surcharge For Special Access *(a.k.a. BellSouth SPA)* Service

A. General

In addition to the rates and charges described in E7.4.1 preceding, there is a monthly surcharge that applies to Special Access (a.k.a. BellSouth SPA) service. The Special Access (a.k.a. BellSouth SPA) Surcharge compensates the Company for use of the local exchange network when Special Access (a.k.a. BellSouth SPA) service is connected to a PBX or equivalent device, which is capable of interconnecting the Special Access (a.k.a. BellSouth SPA) service with local exchange service.

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds . (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)

D. Crediting the Surcharge

The Company will cease billing the Special Access (a.k.a. BellSouth SPA) Surcharge when certification that the Special Access (a.k.a. BellSouth SPA) service has become exempt from the surcharge, as set forth in B. preceding is received. If the status of the Special Access (a.k.a. BellSouth SPA) service was changed prior to receipt for the exemption certification, the Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change specified by the customer in the letter of certification.

E. Application of Rates

1. The monthly Special Access 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	X	$ 25.00	$ 25.00
DS1 (a.k.a. BellSouth SPA DS1)	24	X	25.00	600.00

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

The rate for the Special Access (a.k.a. BellSouth SPA) Surcharge is set forth in E7.5.10 following.

E7.4.3 Message Station Equipment Recovery Charge

The Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment that is assigned to Special Access (a.k.a. BellSouth SPA) service.

This charge is assessed only to those customers to which the Special Access (a.k.a. BellSouth SPA) Surcharge applies. The rate for the Message Station Equipment Recovery Charge is set forth in E7.5.9.

E7.4.4 Minimum Periods

Except under conditions specified in E2.4.9 of this Tariff, SMARTPath service (a.k.a. BellSouth SPA Shared Ring) and following, the minimum service period for all services is one month.

The minimum service period for SMARTPath service (a.k.a. BellSouth SPA Shared Ring), BellSouth Metro Ethernet[1] service and SMARTRing[2] [4]service (a.k.a. BellSouth Dedicated Ring) is 4 months. (C)

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 Custom Network Service (a.k.a. BellSouth SPA Custom Network Service) is specified in each Custom Network Service Arrangement in E7.7 of this Tariff.

Note 1: Effective 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 (as permitted by the FCC), 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.

Note 4: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

Material previously appearing on this page now appears on page(s) 30.1 of this section.

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

E7.4 Rate Regulations (Cont'd)[4]

E7.4.6 Mileage Measurement

A. The mileage to be used to determine the monthly rate for the Interoffice Channel is calculated on the airline distance between the locations involved i.e., the serving wire centers associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Company hub, a serving wire center associated with a customer designated premises and a WATS serving office, or two Company hubs. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

B. Mileage is shown in E7.5.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V and H coordinates method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

C. When Hubs are involved, mileage rates are computed and rates applied separately for each section of the Interoffice Channel, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a hub for purposes other than customer specified bridging or channelization (e.g., the Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises. For the purpose of applying multipoint charges, the bridging or hubbing locations are determined by that combination of airline distances connecting the serving wire center which will produce the lowest interoffice mileage charges.

D. SMARTRing[3 5] service (a.k.a. BellSouth Dedicated Ring) Local Channel, Alternate Central Office Channel and Internodal Channel rates are also distance sensitive. They are measured per quarter airline mile or fraction thereof from the customer's designated premises to the Serving Wire Center, Alternate Central Office, or other Customer Nodes. V&H coordinates are derived for each customer location through the use of longitude and latitude measurements. Using the V&H coordinate method as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF FCC. No. 4, compute the mileage, convert to quarter miles, and multiply the appropriate per quarter mile rate by the distance involved. Any portion of a quarter mile will always round up to the next quarter mile before determining the mileage and applying the rate. (C)

E. The SMARTRing[3] service (a.k.a. BellSouth Dedicated Ring) Interoffice Channel mileage is calculated per quarter airline mile between two directly connected central offices on the ring. Interoffice Channel mileage is computed by using the V&H coordinates method as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF FCC. No. 4. To determine the rate to be billed, multiply the appropriate per quarter mile rate by the distance involved. Fractions of a quarter mile always round up to the next quarter mile before determining the mileage and applying the rate.

E7.4.7 Facility Hubs

A customer has the option of ordering Voice Grade (a.k.a. BellSouth SPA DS0 VG)[2] 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., Telegraph (a.k.a. BellSouth SPA Telegraph)[2], Voice (a.k.a. BellSouth SPA DS0 VG)[2], 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.

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 (as permitted by the FCC), 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.

Note 5: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

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

E7.4 Rate Regulations (Cont'd)[4]

E7.4.7 Facility Hubs (Cont'd)

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 Grade (a.k.a. BellSouth SPA DS0 VG)[2], not High Capacity (a.k.a. BellSouth SPA High Capacity).

The Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade (a.k.a. BellSouth SPA DS0 VG)[2] 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 Systems[2] require a Central Office Channel Interface for activation of each lesser capacity channel. DS3 to DS1 channelization arrangements, for transport of intrastate DS1 service high capacity channels via LightGate service (a.k.a. BellSouth SPA Point to Point Network) and SMARTRing[3] [5] service (a.k.a. BellSouth SPA Shared Ring), requires 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. (C)

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

When cascading channelization is performed, whether in the same or a different Hub, a charge for the additional Basic Channelization System and Central Office Channel Interface(s) also applies. A DS1 Basic Channelization System and DDAS (a.k.a. BellSouth SPA DS0 Digital Data)[2] Central Office Channel Interface are required for high speed or low speed DDAS (a.k.a. BellSouth SPA DS0 Digital Data)[2] activations when channelized from a DS1 (1.544 Mbps) channel. A DS0 Basic Channelization System[2] and Subrate Central Office Channel Interface[2] 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 (as permitted by the FCC), 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.

Note 5: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

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

E7.4 Rate Regulations (Cont'd)

E7.4.14 SMARTRing® [1] [2] Service (a.k.a. BellSouth Dedicated Ring) (C)

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

1. Monthly rates and charges as specified in E7.5.18 following apply for each SMARTRing service (a.k.a. BellSouth Dedicated Ring). Customers must specify network capacity at the time of the initial order. In an Overlay Ring Arrangement where a customer's overlaying SMARTRing service (a.k.a. Bellsouth Dedicated Ring) rides the customer's host SMARTRing service (a.k.a. BellSouth Dedicated Ring), the overlay ring will share the transport of the host ring between common node locations. Rate categories at OC-3, OC-3+, OC-12, OC-24, OC-48, OC-48+, OC-192 and OC-192+ capacity levels include Customer Nodes, Central Office Nodes, Local Channels, Alternate Central Office Channels, Interoffice Channels and Internodal Channels. OC-24 SMARTRing service (a.k.a. BellSouth Dedicated Ring) is only available to existing CSPP customers or under month-to-month arrangements. Rate categories for OC-1 SMARTRing service (a.k.a. BellSouth Dedicated Ring) include Customer Nodes and Central Office Nodes. Channel Interfaces are required at each node on the network and must be associated with a SMARTRing service (a.k.a. BellSouth Dedicated Ring). An OC-1 Overlay Ring Arrangement requires an OC-1 Channel Interface at each node involved. An OC-3 Overlay Ring Arrangement requires an OC-3 Channel Interface at each node involved. An OC-3+ or OC-12 Overlay Ring Arrangement requires an OC-12 Channel Interface at each node involved. An OC-48 or OC-48+ Overlay Ring Arrangement requires an OC-48 Channel Interface at each node involved. In Overlay Ring Arrangements, the customer must order a Channel Interface for each entry to or exit from the host ring. In all other situations, the number of Channel Interfaces ordered will depend on whether the customer desires a working interface, or a working interface and a protection interface. The quantity of channel interfaces ordered may not exceed the capacity ordered. When a 28 DS1 Channel System is utilized to activate DS1 channels, the appropriate number of DS1 Channel Interfaces are required in lieu of an originating or terminating DS3 or STS-1 Channel Interface.
2. Nonrecurring charges for Local, Alternate Central Office, Interoffice and Internodal Channels apply for each channel for month-to-month customers. Nonrecurring charges are not applicable when the ring level rate elements and channel interfaces are ordered under TPP arrangements. SMARTRing® service (a.k.a. BellSouth Dedicated Ring) ring level rate elements are defined as following: Local Channel, Interoffice Channel, Internodal Channel, Alternate Central Office Channel, Customer Node and Central Office Node. Nonrecurring charges do apply for the Channel Interface Reallocation rate element and the SMARTRing® service (a.k.a. BellSouth Dedicated Ring) rearrangement rate elements (Surveillance and Reconfiguration) for CSPP and TPP customers. When the customer requests two separate routes and the routing is provided as described in E7.2.16.A preceding, charges apply for the Local Channels and any Interoffice Channels on the requested route. Recurring charges for Local, Alternate Central Office, Interoffice and Internodal Channels apply for each quarter air mile increment of the channel. Fractions of a quarter mile will always round up to the next quarter air mile before determining the mileage and applying the rate. For channels which are less than one quarter mile, a minimum charge of one quarter mile applies.
3. For Internodal Channels, charges apply as appropriate either for the same wire center area or contiguous serving wire center areas, as specified in E7.5 18.A.4.
4. Nonrecurring charges for Customer Nodes and Central Office Nodes apply per node for month-to-month customers and are based upon the capacity of the ring configuration. Nonrecurring charges are not applicable when the preceding rate elements are ordered under TPP arrangements. Recurring rates for Customer and Central Office Nodes apply per node and are also based upon the capacity of the ring configuration.
5. When the customer orders an OC-1 SMARTRing® service (a.k.a. BellSouth Dedicated Ring) Overlay Ring Arrangement riding the customer's host OC-12, OC-48, or OC-48+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring), recurring charges apply per OC-1 Customer Node and/or OC-1 Central Office Node, in addition to the recurring and nonrecurring charges for associated Channel Interfaces.

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

M1 Material appearing on this page previously appeared on page(s) 33.3 of this section.
M2 Material previously appearing on this page now appears on page(s) 33.3.1.1 of this section.

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

E7.4 Rate Regulations (Cont'd)

E7.4.14 SMARTRing® [1] [2] Service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)

6. When the customer orders an OC-3 SMARTRing® service (a.k.a. BellSouth Dedicated Ring) service Overlay Ring Arrangement riding the customer's host OC-12, OC-48, OC-48+, OC-192 or OC-192+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring), recurring charges apply per OC-3 Customer Node and/or OC-3 Central Office Node, in addition to the recurring and nonrecurring charges for associated Channel Interfaces. Nonrecurring charges only apply for month-to-month customers.
7. When the customer orders an OC-3+ or OC-12 Overlay Ring Arrangement riding the customer's host OC-48, OC-48+, OC-192 or OC-192+ SMARTRing® service (a.k.a. BellSouth Dedicated Ring), recurring charges apply per OC-3+ and/or OC-12 Customer Node and/or per OC-3+ and/or OC-12 Central Office Node, in addition to the charges for associated Channel Interfaces. Nonrecurring charges only apply for month-to-month customers.
8. In all Overlay Ring Arrangements, the number of OC-1, OC-3, OC-12 and/or OC-48 Channel Interfaces required will be based upon the characteristics of the overlaying ring.
9. The rates for Customer Channel Interfaces apply for each origination and for each termination of an activated DS1, DS3, STS-1, OC-3, OC-12, OC-48 and/or 1000 Mbps at the Customer Node. For interfaces ordered on a month-to-month basis the nonrecurring charge applies per interface. For interfaces ordered under CSPP, nonrecurring charges are established on a per order basis for the first DS1, DS3, STS-1, OC-3 and/or OC-12 which originates or terminates at a Customer Node and for each additional DS1, DS3, STS-1, OC-3 and/or OC-12 which originates or terminates at the same Customer Node. For interfaces ordered under TPP, there are no nonrecurring charges associated with the installation. The recurring rate applies on a per Customer Node basis for each origination and for each termination of an activated DS3 and/or DS1 at a Customer Node.
10. In addition, OC-12 and or OC-48 customers with DS3 and/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 and the appropriate number of DS1 Channel Interfaces in lieu of a DS3 or STS-1 Channel Interface. A maximum of 28 DS1 Channel Interfaces can be activated for each 28 DS1 Channel System utilized. For service ordered under CSPP, nonrecurring charges are established on a per order basis for the first 28 DS1 Channel System and for each additional 28 DS1 Channel System at that same Central Office Node. Nonrecurring charges are also established for the first DS1 Channel Interface which originates/terminates in a 28 DS1 Channel System and each additional DS1 Channel Interface which originates/terminates in that same DS1 Channel System. For DS1 Channel Systems ordered under TPP, nonrecurring charges do not apply. For DS1 Channel Systems ordered on a month-to-month basis, nonrecurring charges apply. The recurring rate applies for each 28 DS1 Channel System and each DS1 Channel Interface activated per Central Office Node.
11. A nonrecurring charge applies for SMARTRing service (a.k.a. BellSouth Dedicated Ring) Surveillance, one for each Customer Node and each Central Office Node, per SMARTRing service (a.k.a. BellSouth Dedicated Ring) rearranged. A nonrecurring charge applies for Reconfiguration, one per reconfiguration of each STS-1 group at each node where such reconfiguration capability is desired. These rate elements apply when the Customer adds FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration) to an existing SMARTRing service (a.k.a. BellSouth Dedicated Ring) as set forth in E7.2.16.A preceding. Reconfiguration is not available with 100 Mbps and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces.

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

M1 Material appearing on this page previously appeared on page(s) 33.3.1 of this section.
M2 Material appearing on this page previously appeared on page(s) 33.3.2 of this section.

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

E7.4 Rate Regulations (Cont'd)

E7.4.14 SMARTRing[I 2] Service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)

A. Self-healing Multi-nodal Alternate Route Topology Ring (Cont'd)

12. For CSPP customers, first and additional nonrecurring charges will be applied when ordering the same rate element between the same locations with the same installation date. First and additional nonrecurring changes are not applicable under TPP arrangements.
13. SMARTRing service (a.k.a. BellSouth Dedicated Ring) purchased prior to August 23, 1996, is available under several CSPP arrangements: Plan A (24-48 Months[I]), Plan B (49-72 Months[I]) or Plan C (73-96 Months[I]). Renewals of existing SMARTRing service (a.k.a. BellSouth Dedicated Ring) or purchases of new SMARTRing service (a.k.a. BellSouth Dedicated Ring) on or after August 23, 1996, will only be available under TPP arrangements. In order to accommodate more flexible customer situations, SMARTRing service (a.k.a. BellSouth Dedicated Ring) is available under several TPP arrangements: Plan A (12-36 Months[I]), Plan B (37-60 Months[I]) or Plan C (61-96 Months[I]). Month-to-month arrangements (with a minimum of four months) are available for SMARTRing service (a.k.a. BellSouth Dedicated Ring).
14. CSPP and TPP arrangements are provided under the terms and conditions specified in E2.4.9 preceding, except as modified following. For all payment plans, the following regulations apply:
    a. SMARTRing service (a.k.a. BellSouth Dedicated Ring), whether initially or subsequently ordered in conjunction with BellSouth Dedicated Ring, must be provided under the same TPP payment plan with the same service period and both services are to be coterminous.
    b. All rate elements, for a given SMARTRing service (a.k.a. BellSouth Dedicated Ring), whether initially or subsequently ordered, must be provided under the same payment plan with the same service period and are coterminous upon disconnect of the SMARTRing service (a.k.a. BellSouth Dedicated Ring). However, Channel Interfaces, except those utilized to interface an overlaying ring with its host ring, may be provided under a month-to-month arrangement which is equal to or less than the payment plan for the associated SMARTRing service (a.k.a. BellSouth Dedicated Ring). Customers with Channel Interfaces provided under a CSPP payment period which began prior to August 22, 1994, may convert those Channel Interfaces to a month-to-month or payment plan arrangement which is equal to or less than the payment plan for the associated SMARTRing service (a.k.a. BellSouth Dedicated Ring), at the current rates and charges.
    c. In a shared network arrangement, where the host subscriber and the connecting service user subscribes to services under CSPP or TPP arrangements, the payment periods for directly associated channelized rate elements must be equal to or less than the payment periods for the host service, or the service user must order those rate elements under month-to-month payment terms. Where the host subscriber receives services under month-to-month payment terms, a connecting user must also receive directly associated channelized rate elements under month-to-month payment terms.

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

M1 Material previously appearing on this page now appears on page(s) 33.3.1.1 of this section.
M2 Material previously appearing on this page now appears on page(s) 33.3.3 of this section.

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

E7.4 Rate Regulations (Cont'd)

E7.4.14 SMARTRing®[1 2] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)

A. Self-healing Multi-nodal Alternate Route Topology Ring (Cont'd)

15. The rates applicable to a month-to-month payment plan are subject to Telephone Company initiated charges.

16. For CSPP customers, a termination liability charge will be applicable if services are disconnected prior to the end of the chosen service period. The applicable charge is equal to the number of months remaining in the rate stabilized service period times 60 percent of the monthly rates for SMARTRing service (a.k.a. BellSouth Dedicated Ring) which includes all Nodes, Channel Interfaces, Local Channels, Alternate Central Office Channels, Internodal Channels and/or Interoffice Channels provided under the CSPP arrangement.

    Termination liability charges for SMARTRing service (a.k.a. BellSouth Dedicated Ring) TPP customers are applicable as specified in E2.4.9.C preceding.

17. When a service period under an existing CSPP or TPP arrangement is completed and a customer elects to revert to a month-to-month payment option, no minimum period is applicable.

18. The TPP customer of record will have a 60 day grace period after which month-to-month rates will apply.

19. Customers may upgrade from a lower capacity SMARTRing® service (a.k.a. BellSouth Dedicated Ring) to a higher capacity SMARTRing® service (a.k.a. BellSouth Dedicated Ring) without incurring any termination charges if the following conditions are met:

    a. the order for the upgraded SMARTRing® service (a.k.a. BellSouth Dedicated Ring) and the order for the disconnect of the existing SMARTRing® service (a.k.a. BellSouth Dedicated Ring) are received by the Telephone Company at the same time,

    b. the new SMARTRing® service (a.k.a. BellSouth Dedicated Ring) is provided between the same customer and Central Office locations as the discontinued SMARTRing® service (a.k.a. BellSouth Dedicated Ring),

    c. the number of Channel Interfaces activated under the new capacity SMARTRing® service (a.k.a. BellSouth Dedicated Ring) is greater than the number of Channel Interfaces activated under the existing capacity SMARTRing® service (a.k.a. BellSouth Dedicated Ring).

    d. the expiration date of the new SMARTRing® service (a.k.a. BellSouth Dedicated Ring) payment plan is subsequent to the payment plan of the ring being discontinued.

20. Customers may also upgrade existing SMARTRing® service (a.k.a. BellSouth Dedicated Ring) to a new SMARTRing® service (a.k.a. BellSouth Dedicated Ring) of the same capacity without incurring a termination liability charge, if the customer is concurrently ordering a new capability which cannot be provisioned with the existing SMARTRing® service (a.k.a. BellSouth Dedicated Ring) and if the conditions set forth in 19. preceding are met.

21. Ring level billing is defined as billing for the following rate elements: Local Channel, Interoffice Channel, Internodal Channel Alternate Central Office Channel, Customer Node and Central Office Node. Billing for Customer Channel Interfaces and Central Office Channel Interfaces recurring and nonrecurring charges will be effective upon activation to the SMARTRing® service (a.k.a. BellSouth Dedicated Ring).

22. If the Service Establishment Date extends beyond one year from the customer's order date due to Telephone Company reasons, the preceding conversion provisions apply. If the Service Establishment Date extends beyond one year from the customer's order date for other reasons, the preceding conversion provisions do not apply and billing for all recurring and nonrecurring charges will be effective with the Service Establishment Date.

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

Material appearing on this page previously appeared on page(s) 33.3.2 of this section.

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

E7.4 Rate Regulations (Cont'd)(3)

E7.4.17 SMARTPath Service (a.k.a. BellSouth SPA Shared Ring)[4] (C)

A. Application of Rates

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

The SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Connection rate element provides for the connection at the designated premises where the customer gains access to SMARTPath service (a.k.a. BellSouth SPA Shared Ring) and transport to a designated junction on the network. The SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Junction rate element provides for the connection between the SMARTPath service (a.k.a. BellSouth SPA Shared Ring) network and (1) another customer designated premises, in the same SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area or (2) a serving wire center in the same SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area for connection to (a) DS1 Basic Channelization, BellSouth Customer Network Management Service, SMARTRing[2] service (a.k.a. BellSouth Dedicated Ring) or DS3 service as provided in Section E7. of this Tariff, or (b) a SMARTPath service (a.k.a. BellSouth SPA Shared Ring) Area Junction of another SMARTPath service (a.k.a. BellSouth SPA Shared Ring) area in the same Metropolitan Area.

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

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

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

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

A termination liability charge will be applicable if services provided under a CSPP arrangement are disconnected prior to the end of the chosen service period. The termination charge is equal to the applicable rate per rate element for the current contract multiplied times the difference in months between the time the CSPP contract has been in effect and the minimum contract length multiplied times a factor. The factor is 50 percent for contracts that have been in effect twelve months or less, or 20 percent for contracts that have been in effect longer than twelve months.

Virtual Collocation Cross-Connects provide a means for customers to interconnect their BellSouth SMARTPath service by means of central office cross-connect facilities. Cross-connect rates and charges to SMARTPath service are provided in E7.5 following.

E7.4.18 Zone Pricing

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

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

Note 1: Effective May 8, 2019, Customers may not: (1) Establish CSPPs greater than 36 months for SMARTPath Service, and (2) Convert or renew CSPPs for SMARTPath Service.

Note 2: Effective on or after December 1, 2021 (as permitted by the FCC), 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.

Note 4: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

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

E7.4 Rate Regulations (Cont'd)

E7.4.32 BellSouth Metro Ethernet Service[1]

A. General (Cont'd)

6. Basic, Premium and Virtual BellSouth Metro Ethernet Service Connections of 10 Mbps or higher may alternatively be provided to a customer premises over the customer's SMARTRing[2 3] service (a.k.a. BellSouth SPA Dedicated Ring). (C)
The customer is required to purchase the appropriate SMARTRing[2] service (a.k.a. BellSouth SPA Dedicated Ring) BellSouth Metro Ethernet Backbone interfaces that are a bandwidth equal to the bandwidth of the BellSouth Metro Ethernet Service backbone transport that is standard for the specific type and speed of BellSouth Metro Ethernet Service Connection serving that customer premises. (A chart is provided herein which sets forth the backbone bandwidth of each type and speed of BellSouth Metro Ethernet Service Connection.) Standard BellSouth Metro Ethernet Service features are available on such alternative arrangements, with the exception that Automatic Protection Switching is not available.
For such applications using SMARTRing[2 3] service (a.k.a. BellSouth SPA Dedicated Ring) as alternate transport, the (C)
BellSouth Metro Ethernet Service Connection will provide data channel transport to connect the termination of the SMARTRing[2] service (a.k.a. BellSouth SPA Dedicated Ring) at the central office node, to the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service Connection (i.e., the central office of the Metro Ethernet Service switch).
When the SMARTRing[2 3] service (a.k.a. BellSouth SPA Dedicated Ring) central office node is located greater than 10 (C)
miles from the BellSouth Metro Ethernet Service wire center, BellSouth Metro Ethernet Service Additional Mileage charges will also be applicable.
For BellSouth Metro Ethernet Service Connections utilizing the customer's LightGate service or SMARTRing[2] service as alternate transport, the committed bandwidth for select speeds will be as shown in BellSouth Technical Reference TR-73632.

Metro Ethernet Connection	***Metro Ethernet Backbone Bandwidth***
Basic 10 Mbps	100 Mbps (1 STS-1)
Basic 100 Mbps	100 Mbps (3 STS-1)
Basic 1000 Mbps	1000 Mbps
Premium 10, 20, 50 Mbps (Fixed)	100 Mbps (1 STS-1)
Premium 10, 20, 50 Mbps (Burst)	100 Mbps (3 STS-1)
Premium 100 Mbps (Fixed)	Fractional 1000 Mbps at 150 Mbps
Premium 250 Mbps (Fixed)	Fractional 1000 Mbps at 300 Mbps
Premium 500 Mbps (Fixed)	Fractional 1000 Mbps at 600 Mbps
Premium 100, 250, 500 Mbps (Burst)	1000 Mbps
Virtual 10, 20, 50 Mbps	100 Mbps (1 STS-1)
Virtual 80 Mbps	100 Mbps (3 STS-1)
Virtual 100 Mbps	Fractional 1000 Mbps at 150 Mbps
Virtual 200, 300 Mbps	Fractional 1000 Mbps at 300 Mbps
Virtual 450 Mbps	Fractional 1000 Mbps at 450 Mbps
Virtual 600 Mbps	Fractional 1000 Mbps at 600 Mbps
Virtual 750, 900 Mbps	1000 Mbps

Note 1: Effective 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 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)

E7.5.18 SmartRing®[1 2] service (a.k.a. BellSouth Dedicated Ring) (C)

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

1. Local Channel (All capacities except OC-1)

		Month-to-Month	Nonrecurring Charge	USOC
(a)	Per Local Channel	-	$405.00	1HVXX
(b)	Per Quarter Air Mile	$95.00	-	1HVXX

2. Alternate Central Office (All capacities except OC-1)

(a)	Per Alternate C.O. Channel	-	470.00	1HAXX
(b)	Per Quarter Air Mile	1,500.00	_	1HAXX

3. Interoffice Channel (All capacities except OC-1)

(a)	Per Channel, except OC-192 and OC-192+ Capacity	-	160.00	1HXFX
(b)	Fixed, OC-3 Capacity	50.00	-	1HXFX
(c)	Fixed, OC-3+, OC-12, OC-48 or OC-48+ Capacity	175.00	-	1HXFX
(d)	Fixed, OC-192 or OC-192+ Capacity	600.00	300.00	1HXFX
(e)	Per Quarter Air Mile, OC-3 Capacity	45.00	-	1HXFX
(f)	Per Quarter Air Mile, OC-3+, OC-12, OC-48 or OC-48+ Capacity	55.00	-	1HXFX
(g)	Per Quarter Air Mile, OC-192 or OC-192+ Capacity	55.00	-	1HXFX

4. Internodal Channel (All capacities except OC-1)

(a)	Per Internodal Channel, Same Wire Center Area, Per Quarter Air Mile	3,000.00	430.00	1HNXX
(b)	Per Internodal Channel, Same Office Park/Campus Environment in Contiguous Serving Wire Center Areas, Per Quarter Air Mile	3,500.00	430.00	1HNZX

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

All BellSouth marks contained herein are owned by BellSouth Intellectual Property Corporation

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)

E7.5.18 SmartRing[2 3 4] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)

A. Self-healing Multi-nodal Alternate Route Topology Ring - Month-to-Month (Cont'd)

5. Customer Node (Per Customer Node)

		Month-to-Month	Nonrecurring Charge	USOC
(a)	OC-1 Capacity	$800.00	$425.00	SHNC4
(b)	OC-3 Capacity	2,200.00	490.00	SHNC3
(c)	OC-3+ Capacity	3,000.00	490.00	SHNN5
(d)	OC-12 Capacity	3,400.00	485.00	SHNC1
(e)	OC-48 Capacity	5,800.00	485.00	SHNN8
(f)	OC-48+ Capacity	6,500.00	485.00	SHNN9
(g)	OC-192 Capacity	25,000.00	640.00	SHNN6
(h)	OC-192+ Capacity	25,000.00	640.00	SHNN2

6. Customer Channel Interface (Per Customer Node)

(a)	Per DS1	35.00	235.00	SHNBB
(b)	Per DS3	170.00	105.00	SHNZT
(c)	Per STS-1	220.00	105.00	SHN13
(d)	Per OC-1	100.00	115.00	SHN1C
(e)	Per OC-3, 2-Fiber	240.00	110.00	SHN1D
(f)	Per OC-3, 4-Fiber	475.00	110.00	SHN15
(g)	Per OC-12, 2-Fiber	715.00	115.00	SHN1F
(h)	Per OC-12, 4-Fiber	1,430.00	115.00	SHN19
(i)	Per OC-48, 2-Fiber	1,600.00	640.00	SHN1A
(j)	Per OC-48, 4-Fiber	3,200.00	640.00	SHN1B
(k)	Per 1000 Mbps	740.00	540.00	SHN1K
(l)	Per 100 Mbps (1 STS-1) BellSouth Metro Ethernet[1] Backbone	850.00	500.00	SHN1J
(m)	Per 100 Mbps (3 STS-1) BellSouth Metro Ethernet[1] Backbone	850.00	540.00	SHN33
(n)	Per 1000 Mbps BellSouth Metro Ethernet[1] Backbone	850.00	740.00	SHN34
(o)	Per Fractional 1000 Mbps Metro Ethernet[1] Backbone			
	- 150 Mbps (3 STS-1)	560.00	850.00	SHN35
	- 300 Mbps (6 STS-1)	600.00	850.00	SHN36
	- 450 Mbps (9 STS-1)	640.00	850.00	SHN37
	- 600 Mbps (12 STS-1)	700.00	850.00	SHN38

Note 1: Effective 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 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered Dedicated SONET Ring Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds.

Note 4: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

Material previously appearing on this page now appears on page(s) 45.4.2 of this section.

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)

E7.5.18 SmartRing[2] [3] service (a.k.a. BellSouth Dedicated Ring) (Cont'd) (C)

A. Self-healing Multi-nodal Alternate Route Topology Ring - Month-to-Month (Cont'd)

7. Central Office Node (Per Central Office Node)

		Month-to-Month	Nonrecurring Charge	USOC
(a)	OC-1 Capacity	600.00	415.00	SHNH4
(b)	OC-3 Capacity	1,400.00	490.00	SHNH3
(c)	OC-3+ Capacity	2,500.00	490.00	SHNH5
(d)	OC-12 Capacity	2,600.00	485.00	SHNH1
(e)	OC-48 Capacity	5,400.00	485.00	SHNH8
(f)	OC-48+ Capacity	6,100.00	485.00	SHNH9
(g)	OC-192 Capacity	25,000.00	640.00	SHNH7
(h)	OC-192+ Capacity	25,000.00	640.00	SHNH6
(i)	OC-3 Shared Node Interconnection	980.00	550.00	SHNHE
(j)	OC-12 Shared Node Interconnection	1,820.00	550.00	SHNHE
(k)	OC-48 Shared Node Interconnection	3,400.00	550.00	SHNHE
(l)	OC-48+ Shared Node Interconnection	3,840.00	550.00	SHNHE

8. Central Office Channel Interface (Per Central Office Node)

(a)	Per DS1	$35.00	$98.00	SHNCB
(b)	Per DS3	115.00	150.00	SHNYT
(c)	Per STS-1	150.00	155.00	SHNO2
(d)	Per OC-1	100.00	170.00	SHNCC
(e)	Per OC-3, 2-Fiber	240.00	99.00	SHNCD
(f)	Per OC-3, 4-Fiber	425.00	99.00	SHNO4
(g)	Per OC-12, 2-Fiber	640.00	99.00	SHNCF
(h)	Per OC-12, 4-Fiber	1,280.00	99.00	SHNC9
(i)	Per OC-48, 2-Fiber	1,600.00	640.00	SHNCJ
(j)	Per OC-48, 4-Fiber	3,200.00	640.00	SHNCK
(k)	Per 28 DS1 Channel System - DS3	650.00	130.00	SHNW8
(l)	Per 28 DS1 Channel System - STS-1	750.00	130.00	SHNCS
(m)	Per DS1 on 28 DS1 Channel System - DS3	12.00	125.00	SHNCA
(n)	Per DS1 on 28 DS1 Channel System - STS-1	40.00	81.00	SHNCG
(o)	Per 1000 Mbps	740.00	400.00	SHNCW
(p)	Per 100 Mbps (1 STS-1) BellSouth Metro Ethernet[1] Backbone	800.00	500.00	SHNOJ
(q)	Per 100 Mbps (3 STS-1) BellSouth Metro Ethernet[1] Backbone	800.00	540.00	SHNCX
(r)	Per 1000 Mbps BellSouth Metro Ethernet[1] Backbone	800.00	740.00	SHNC5
(s)	Per Fractional 1000 Mbps Metro Ethernet[1] Backbone			
	- 150 Mbps (3 STS-1)	560.00	850.00	SHND5
	- 300 Mbps (6 STS-1)	600.00	850.00	SHND6
	- 450 Mbps (9 STS-1)	640.00	850.00	SHND7
	- 600 Mbps (12 STS-1)	700.00	850.00	SHND8

Note 1: Effective 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 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)

E7.5.18 SmartRing®[1] [2] service (a.k.a BellSouth Dedicated Ring) (Cont'd) (C)

B. Self-healing Multi-nodal Alternate Route Topology Ring - Transport Payment Plan

1. Local Channel (All capacities except OC-1)

		Per Month Rates A 12-36 Months[1]	B 37-60 Months[1]	C 61-96 Months[1]	USOC
(a)	Per Quarter Air Mile	$85.00	$75.00	$70.00	1HVXX
2. Alternate Central Office (All capacities except OC-1)					
(a)	Per Quarter Air Mile	400.00	250.00	200.00	1HAXX
3. Interoffice Channel (All capacities except OC-1)					
(a)	Fixed, OC-3 Capacity	40.00	35.00	30.00	1HXFX
(b)	Fixed, OC-3+, OC-12, OC-48 or OC-48+ Capacity	155.00	140.00	130.00	1HXFX
(c)	Fixed, OC-192 or OC-192+ Capacity	450.00	400.00	380.00	1HXFX
(*d*)	Per Quarter Air Mile, OC-3 Capacity	35.00	25.00	20.00	1HXFX
(*e*)	Per Quarter Air Mile, OC-3+, OC-12, OC-48 or OC-48+ Capacity	40.00	33.00	25.00	1HXFX
(f)	Per Quarter Air Mile, OC-192 or OC-192+ Capacity	40.00	33.00	25.00	1HXFX
4. Internodal Channel (All capacities except OC-1)					
(a)	Per Internodal Channel, Same Wire Center Area, Per Quarter Air Mile	690.00	415.00	345.00	1HNXX
(b)	Per Internodal Channel, Same Office Park/Campus Environment in Contiguous Serving Wire Center Areas, Per Quarter Air Mile	780.00	465.00	390.00	1HNZX
5. Customer Node (Per Customer Node)					
(a)	OC-1 Capacity	400.00	350.00	300.00	SHNC4
(b)	OC-3 Capacity	1,100.00	1,000.00	900.00	SHNC3
(c)	OC-3+ Capacity	2,050.00	1,750.00	1,500.00	SHNN5
(d)	OC-12 Capacity	2,200.00	2,000.00	1,750.00	SHNC1
(e)	OC-48 Capacity	4,900.00	4,500.00	3,900.00	SHNN8
(f)	OC-48+ Capacity	4,900.00	4,500.00	3,900.00	SHNN9
(g)	OC-192 Capacity	9,375.00	8,250.00	7,300.00	SHNN6
(h)	OC-192+ Capacity	9,375.00	8,250.00	7,300.00	SHNN2

Note 1: Effective on or after December 1, 2021 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

All BellSouth marks contained herein are owned by BellSouth Intellectual Property Corporation

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)

E7.5.18 SmartRing[2] [3] service (a.k.a BellSouth Dedicated Ring) (Cont'd) (C)

B. Self-healing Multi-nodal Alternate Route Topology Ring - Transport Payment Plan (Cont'd)

6. Customer Channel Interface (Per Customer Node

		Per Month Rates A 12-36 Months[2]	B 37-60 Months[2]	C 61-96 Months[2]	USOC
(a)	Per DS1	$34.00	$27.00	$21.00	SHNBB
(b)	Per DS3	135.00	130.00	125.00	SHNZT
(c)	Per STS-1	170.00	150.00	140.00	SHN13
(d)	Per OC-1	90.00	80.00	75.00	SHN1C
(e)	Per OC-3, 2-Fiber	190.00	175.00	160.00	SHN1D
(f)	Per OC-3, 4-Fiber	380.00	350.00	320.00	SHN15
(g)	Per OC-12, 2-Fiber	570.00	525.00	480.00	SHN1F
(h)	Per OC-12, 4-Fiber	1,140.00	1,050.00	960.00	SHN19
(i)	Per OC-48, 2-Fiber	1,325.00	1,215.00	1,050.00	SHN1A
(j)	Per OC-48, 4-Fiber	2,650.00	2,430.00	2,100.00	SHN1B
(k)	Per 1000 Mbps	520.00	475.00	425.00	SHN1K
(l)	Per 100 Mbps (1 STS-1) BellSouth Metro Ethernet[1] Backbone	175.00	155.00	140.00	SHN1J
(m)	Per 100 Mbps (3 STS-1) BellSouth Metro Ethernet[1] Backbone	210.00	190.00	170.00	SHN33
(n)	Per 1000 Mbps BellSouth Metro Ethernet[1] Backbone	520.00	475.00	425.00	SHN34
(o)	Per Fractional 1000 Mbps Metro Ethernet[1] Backbone				
	- 150 Mbps (3 STS-1)	230.00	210.00	190.00	SHN35
	- 300 Mbps (6 STS-1)	300.00	280.00	260.00	SHN36
	- 450 Mbps (9 STS-1)	340.00	310.00	290.00	SHN37
	- 600 Mbps (12 STS-1)	380.00	340.00	320.00	SHN38

7. Central Office Node (Per Central Office Node)

(a)	OC-1 Capacity	400.00	350.00	300.00	SHNH4
(b)	OC-3 Capacity	1,100.00	1,000.00	900.00	SHNH3
(c)	OC-3+ Capacity	2,050.00	1,750.00	1,500.00	SHNH5
(d)	OC-12 Capacity	2,200.00	2,000.00	1,750.00	SHNH1
(e)	OC-48 Capacity	4,900.00	4,500.00	3,900.00	SHNH8
(f)	OC-48+ Capacity	4,900.00	4,500.00	3,900.00	SHNH9
(g)	OC-192 Capacity	9,375.00	8,250.00	7,300.00	SHNH7
(h)	OC-192+ Capacity	9,375.00	8,250.00	7,300.00	SHNH6
(i)	OC-3 Shared Node Interconnection	690.00	630.00	570.00	SHNHE
(j)	OC-12 Shared Node Interconnection	1,390.00	1,260.00	1,100.00	SHNHE
(k)	OC-48 Shared Node Interconnection	2,880.00	2,840.00	2,460.00	SHNHE
(l)	OC-48+ Shared Node Interconnection	2,880.00	2,840.00	2,460.00	SHNHE

Note 1: Effective 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 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

Material appearing on this page previously appeared on page(s) 45.4.3.1 of this section.

E7. DEDICATED ACCESS SERVICES

E7.5 Rates and Charges (Cont'd)

E7.5.18 SmartRing[2 3] service (a.k.a BellSouth Dedicated Ring) (Cont'd) (C)

B. Self-healing Multi-nodal Alternate Route Topology Ring - Transport Payment Plan (Cont'd)

		Per Month Rates A 12-36 Months[2]	B 37-60 Months[2]	C 61-96 Months[2]	USOC
8.	Central Office Channel Interface (Per Central Office Node)				
(a)	Per DS1	30.00	25.00	20.00	SHNCB
(b)	Per DS3	85.00	80.00	75.00	SHNYT
(c)	Per STS-1	105.00	100.00	90.00	SHNO2
(d)	Per OC-1	90.00	80.00	75.00	SHNCC
(e)	Per OC-3, 2-Fiber	190.00	175.00	160.00	SHNCD
(f)	Per OC-3, 4-Fiber	330.00	300.00	270.00	SHNO4
(g)	Per OC-12, 2-Fiber	495.00	450.00	405.00	SHNCF
(h)	Per OC-12, 4-Fiber	990.00	900.00	810.00	SHNC9
(i)	Per OC-48, 2-Fiber	1,325.00	1,215.00	1,050.00	SHNCJ
(j)	Per OC-48, 4-Fiber	2,650.00	2,430.00	2,100.00	SHNCK
(k)	Per 28 DS1 Channel System - DS3	550.00	500.00	450.00	SHNW8
(l)	Per 28 DS1 Channel System - STS-1	650.00	600.00	575.00	SHNCS
(m)	Per DS1 on 28 DS1 Channel System - DS3	12.00	9.00	7.00	SHNCA
(n)	Per DS1 on 28 DS1 Channel System - STS-1	35.00	30.00	25.00	SHNCG
(o)	Per 1000 Mbps	520.00	475.00	425.00	SHNCW
(p)	Per 100 Mbps (1 STS-1) BellSouth Metro Ethernet[1] Backbone	175.00	155.00	140.00	SHNOJ
(q)	Per 100 Mbps (3 STS-1) BellSouth Metro Ethernet[1] Backbone	210.00	190.00	170.00	SHNCX
(r)	Per 1000 Mbps BellSouth Metro Ethernet[1] Backbone	520.00	475.00	425.00	SHNC5
(s)	Per Fractional 1000 Mbps Metro Ethernet[1] Backbone				
	- 150 Mbps (3 STS-1)	230.00	210.00	190.00	SHND5
	- 300 Mbps (6 STS-1)	300.00	280.00	260.00	SHND6
	- 450 Mbps (9 STS-1)	340.00	310.00	290.00	SHND7
	- 600 Mbps (12 STS-1)	380.00	340.00	320.00	SHND8

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

1. Channel Interface Reallocation

	Nonrecurring Charge	USOC
(a) Per Node, Per Occurrence	$245.00	SHRBC

Note 1: Effective 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 (as permitted by the FCC), 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: Effective 12/02/2026, Customers may disconnect Nodes on grandfathered SMARTRing Service (Service). If the disconnection causes the Telephone Company a reconfiguration of Service or to incur additional costs, the Telephone Company may provide notification of additional miscellaneous charges, which may include but are not limited to additional engineering, additional labor, testing, and Special Construction charges for new fiber builds. (N)

Material previously appearing on this page now appears on page(s) 45.4.3 of this section.