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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.1 Reserved for Future Use

7.2 Service Descriptions

For the purposes of ordering, there are two categories of Special Access Service. These are:

- High Capacity (a.k.a. BellSouth SPA High Capacity) (HC)
- Self-Healing Rings (SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring))

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

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 Telephone Company Hub where bridging and/or channelization functions are performed.

Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. The numeric designation following the two letter code indicates the specific predefined package. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.1 through 7.2.4 Reserved for Future Use

7.2.5 Video Services

7.2.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service

Video Services are full motion video transport services that deliver high quality video images and stereo quality audio. There are two digital video transport offerings: Serial Component Video Service (SCVS), the first generation of delivering a high definition video signal, and High Definition Video Transport (HDVT), the second generation. (C)  
 (C)

(A) Basic Channel Descriptions

(1) Serial Component Video Service (SCVS) (C)

SCVS is a standards based 270 Mbps digital video transport service for the limited purpose of providing one-way transport of high quality digital video signals and audio signals. (C)  
 (C)

The following network standard formats are supported: (N)

(a) Serial Digital Interface (SDI) - ANSI/Society of Motion Picture and Television Engineers (SMPTE) 259M; Audio embedding of either four analog audio channels at 20 KHz or two AES-EBU digital audio channels is available from the Company. (C)

(b) Serial Data Transport Interface (SDTI) SMPTE 305M

(c) Digital Video Broadcasting-Asynchronous Serial Interface (DVB-ASI)

The customer is responsible for combining multiple MPEG video program stream(s) into a transport stream and encapsulating this into a 270 Mbps DVB-ASI format.

SCVS is available on a point-to-point basis or between a customer premises and a Telephone Company Hub location, where available. (C)

(2) High Definition Video Transport (HDVT) (T)

HDVT provides one-way transmission of a digital video signal. HDVT is available on a point-to-point basis or between a designated premises and a Telephone Company Hub (where available) via fiber optic facilities. HDVT is a purely digital format.

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7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions (Cont'd)

7.2.5 Video Services (Cont'd)

7.2.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service

(2) High Definition Video Transport (Cont'd)

The following standard formats are supported:

- (a) ANSI/Society of Motion Picture and Television Engineers (SMPTE) 292M (1.485 Gbps);
- (b) SMPTE 310M (19.39 Mbps);
- (c) Serial Digital Interface (SDI) - ANSI/Society of Motion Picture and Television Engineers (SMPTE 259M);
- (d) Serial Data Transport Interface (SDTI) SMPTE 305M; and
- (e) Digital Video Broadcasting-Asynchronous Serial Interface (DVB-ASI)

The customer can transmit video signals using any of the standard formats listed above; the network terminating equipment is designed to automatically detect and send the correct format.

HDVT will support the transport of digital video with or without embedded audio. Audio embedding or de-bedding is the customer responsibility.

HDVT is provided where facilities are available. Where facilities are not available, Special Construction charges may apply as specified in Part 1, Section 8 of this Guidebook.

(3) Optional Features and Functions

(a) Regenerator

Video Regenerators provide for the regeneration of the digital video signals. The Video Regenerator is available for the HDVT option. A Video Regenerator will be required for HDVT when the distance between the customer designated HDVT video customer premises is greater than the single system optical power budget.

Certain material previously on this page now appears on Original Page 1.2.1

(3) Optional Features and Functions (Cont'd)

(b) Optical, Wavelength and Ethernet Handoff Options and Interfaces (C)

Optical, Wavelength and Ethernet Handoff Options (C)

These options are available with SCVS and HDVT. The Telephone Company will encapsulate the Customer's digital video signal into an Optical (e.g., OC-3c or OC-12c), Wavelength or Ethernet transport stream. The service will either (i) originate as an electrical or standards-based SCVS or HDVT video signal at one end, and terminate as an Optical, Wavelength or Ethernet signal at the other end, or (ii) originate as an Optical, Wavelength or Ethernet signal at one end, and terminate as an electrical or standards-based SCVS or HDVT video signal at the other end. The available bandwidths for the Optical, Wavelength and Ethernet handoffs and the rates payable therefor are listed in the Rates and Charges section (Section 7.5.5.1.1(c)). (C)

In certain conditions where facilities are available, the Telephone Company may design transport streams to deliver multiple SCVS or HDVT circuits in the same Optical, Wavelength or Ethernet transport stream, to or from the customer venue. This design is subject to the availability of suitable bandwidth in the Telephone Company's network. (C)  
(D)

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7.2 Service Descriptions (Cont'd)

7.2.5 Video Services (Cont'd)

7.2.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service (Cont'd)

(3) Optional Features and Functions (Cont'd)

(b) Optical, Wavelength and Ethernet Handoff Options and Interfaces (C)  
(Cont'd)

SMPTE 310M Digital Interface - SCVS

This interface is available with SCVS and provides Customers with the ability to handoff a standard 19.4 Mbps SMPTE 310M interface at the transmit end of the SCVS circuit. The Telephone Company's output at the other end will be a 270 Mbps DVB-ASI video signal.

NTSC Analog Interface - SCVS

This interface is available with SCVS and provides Customers with the ability to have an NTSC interface with up to four analog audio channels at 20 KHz at one end of the service. This option is available at either end of the SCVS circuit. The interface at the other end will be an SDI video signal, as described in the SCVS service description above.

Multi Media Channel - HDVT

Multi Media Channel (MMC) enables Customers of HDVT service to transmit up to 1 Gbps of data via a point-to-point data channel. Customers must subscribe to at least one HDVT circuit to use the MMC feature.

The MMC feature provides a Layer 2 (Ethernet) data channel with a specified capacity of up to 1 Gbps between the same two locations as the HDVT circuit with which it is associated.

The MMC handoff may be optical or electrical depending on the service requested and equipment available. If the associated HDVT circuit has been purchased with an Optical, Wavelength or Ethernet Handoff option, the handoff to the Customer of the HDVT circuit and the associated MMC feature will be a single encoded video/data transport stream. The combined bandwidth of the HDVT circuit and the associated MMC feature cannot exceed the available bandwidth of the applicable Optical, Wavelength or Ethernet Handoff option purchased by the Customer. (C)  
(C)  
(C)  
(D)

Customers requesting MMC associated with an HDVT circuit and the Optical, Wavelength or Ethernet Handoff option will be responsible for doing their own encoding or decoding at the optical handoff end. (C)  
(C)  
(D)

Customers may only use the MMC to transport data content related to the video content being transported on the associated HDVT circuit (and other HDVT circuits between the same two locations).

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7.2 Service Descriptions (Cont'd)

7.2.5 Video Services (Cont'd)

7.2.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service

(Cont'd)

(3) Optional Features and Functions (Cont'd)

(c) Diversity Options

Diversity options are available where facilities exist. If appropriate facilities do not exist, Special Construction charges may apply. End-to-end diversity can be achieved by coupling Alternate Wire Center Diversity with Inter-Wire Center Diversity.

HDVT and SCVS offer the following diversity options:

Local Channel Diversity (LCD)

LCD provides for a transmission path between a designated customer premises and the standard serving wire center (SWC) that is diverse from the normal/standard transmission path. LCD requires two HDVT or SCVS services purchased by, or on behalf of, the same customer. With this arrangement, one or more local distribution channels will be provisioned over the standard route, and one or more local distribution channels will be provisioned over the diverse route. LCD does not provide for full diversity; it only allows for diversity from the splice point closest to the customer's property line to the SWC. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premises, at the customer's expense. One LCD rate element applies for each channel termination.

(M)

(M)

Material on this page previously appeared on the 1st Revised Page 1.3.

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions (Cont'd)

7.2.5 Video Services (Cont'd)

7.2.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service  
 (Cont'd)

(3) Optional Features and Functions (Cont'd)

(c) Diversity Options (Cont'd)

Inter-Wire Center Diversity (IWCD)

IWCD arrangements presume that each end of a HDVT or SCVS local distribution channel is served out of a different serving wire center (SWC). This arrangement provides a transmission path between the customer's designated SWC and the serving wire center at the distant end of the circuit, over a transmission path that is separate from the standard transmission path between the two wire centers. Interoffice mileage will be calculated between the intermediate wire centers along the circuit path of the diversely routed HDVT or SCVS service. IWCD requires two HDVT or SCVS services purchased by, or on behalf of, the same customer.

IWCD does not provide for full diversity; it only offers interoffice diversity. If a customer desires full diversity, Alternate Wire Center Diversity must be implemented along with IWCD. Additionally, arrangements must be made for constructing dual entrance facilities at the customer's premises, at the customer's expense.

Alternate Wire Center Diversity (AWCD)

AWCD is for the local loop only. It provides a local channel transmission path for HDVT or SCVS service between the customer's designated premises and a wire center that is not the customer's standard serving wire center. The Telephone Company will choose the alternate wire center closest to the customer's designated premises that is capable of providing HDVT or SCVS service over the alternate route. AWCD does not require the purchase of two HDVT or SCVS services by, or on behalf of, the same customer, nor does it require the customer to have an existing HDVT or SCVS circuit operating over the standard route to the customer's standard serving wire center. With this arrangement, one or more local distribution channels will be provisioned over the alternate route. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premises, at the customer's expense. One AWCD rate element applies for each channel termination. (N)

Equipment Only Diversity (EOD)

EOD allows for a HDVT or SCVS circuit to terminate on separate equipment from another HDVT or SCVS circuit. The diverse circuit will be provisioned on its own equipment, i.e., separate laser, separate encoder/decoder, chassis, and separate power supply.

The customer must order at least two circuits and request that one of the circuits terminate on different equipment from the other circuit(s). A circuit subscribing to EOD will not be provisioned over a diverse route unless the customer orders one of the diversity options (local channel, alternate wire center, or inter-wire center).

EOD may be selected for one or both terminating ends. One EOD rate element applies for each channel termination. (N)

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7.2 Service Descriptions7.2.6 through 7.2.8 Reserved for Future Use

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7.2.9 High Capacity (a.k.a. BellSouth SPA High Capacity) Service(A) Basic Channel Description

A High Capacity (a.k.a. BellSouth SPA High Capacity) channel is a channel for the transmission of synchronous STS-1, OC-3, OC-12, OC-48, or OC-192 data rates. High Capacity (a.k.a. BellSouth SPA High Capacity) channels are provided between customer-designated premises or between a customer-designated premises and a Telephone Company Hub.

High Capacity (a.k.a. BellSouth SPA DS1) channel may also be provided over a fiber transmission path between a customer-designated premises and an alternate wire center. The customer must have at least one other High Capacity (a.k.a. BellSouth SPA High Capacity) service from the same customer-designated premises to its normal serving wire center.

LightGate service (a.k.a. BellSouth SPA Point to Point Network) synchronous systems are available in five system sizes: LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point STS-1 capacity) systems, LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point OC3 capacity) systems, LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity) systems, LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) systems and LightGate OC-192 service (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity) systems. Interoffice channels are provided in five system sizes: a synchronous LightGate service STS-1 (a.k.a. BellSouth SPA Point to Point Network STS-1 capacity) system, a synchronous LightGate service OC-3 (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity) system, a synchronous LightGate service OC-12 (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity) system, a synchronous LightGate service OC-48 (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) system and a synchronous LightGate service OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity) system. Synchronous systems are capable of transporting all channels.

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7.2 Service Descriptions

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

(A) Basic Channel Description

System Size:	<u>System Channel Capacity Limits</u>					
	DS1	DS3	STS-1	OC-3	OC-12	OC-48
-LightGate STS-1 (a.k.a. BellSouth SPA Point to Point Network STS-1 capacity)	28		1			
-LightGate OC-3 (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity)	84	3	3	1		
-LightGate OC-12 (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity)	336	12	12	4	1	
-LightGate OC-48 (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity)	1344	48	48	16	4	1
-LightGate OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity)	5376	192	192	64	16	4

Service will generally be provided over fiber optic facilities, as determined by the Telephone Company, however, alternate high capacity technology may be used as appropriate. These services may be used in link configurations for premises-to-premises applications or for hubbing applications.

Automatic protection switching capability is provided for LightGate service (a.k.a. BellSouth SPA Point to Point Network) synchronous channels. The synchronous customer or central office channel 4-fiber interfaces provide 1+1 optical card protection of the interface. The specifications for these interfaces are contained in BellSouth Telecommunications Technical Reference TR-73501.

(T)

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7.2 Service Descriptions7.2.9 High Capacity (a.k.a. BellSouth SPA High Capacity) Service(A) Basic Channel Description

Two additional levels of reliability are offered as options of basic LightGate service (a.k.a. BellSouth SPA Point to Point Network). These service levels provide guaranteed Separate Alternate Facilities Transport (SAFT Levels I & II) for improved protection of local channel systems extended from the first outside plant service access point outside the Telephone Company's serving wire center to the last outside plant service access point prior to entering a customer's premises.

## SAFT Level I

Service protection facilities will be guaranteed to be provided in a separate sheath, i.e., cable, from the primary facilities.

## SAFT Level II

Service protection facilities will be guaranteed to be provided in a separate sheath, i.e., cable, separate supporting structure and route from the primary facilities. Intermediate equipment, if required, will be configured to prevent a single service interruption point.

Synchronous LightGate service systems offer STS-1, OC-3, OC-12, and OC-48 channel interfaces in addition to DS3 and DS1 channel interfaces. The specifications for LightGate service (a.k.a. BellSouth SPA Point to Point Network) interfaces are contained in BellSouth Telecommunications Technical Reference TR-73501. (T)

A synchronous LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channel system may have an optical physical interface at either the serving wire center or the customer termination location. Where a customer elects to order a LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channel system with optical termination at the customer's location, the customer's termination equipment must be compatible with Telephone Company equipment in the serving wire center. The Telephone Company reserves the right to determine the equipment it employs for service. The following table lists the channel interfaces available with each LightGate service (a.k.a. BellSouth SPA Point to Point Network) system.

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7.2 Service Descriptions

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

(A) Basic Channel Description

Local Channel Systems:

Customer Channel Interfaces	Synchronous (1)				
	STS-1	OC-3	OC-12	OC-48	OC-192
DS1 (3)	X	X			
Flex DS1 (13)			X	X	X
DS3 (11)		X	X	X	X
DS3 (Asymmetrical with DS1)		X			
DS3 (Asymmetrical with Flex DS1)			X	X	X
STS-1 (11)	X	X	X	X	X
OC-3		X	X	X	X
OC-12			X	X	X
OC-48				X	X
10 Mbps			X	X	X
100 Mbps			X	X	X
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps			X	X	X
Fractional 1000 Mbps at 600 Mbps Or 1000 Mbps (12)				X	X

(D)

(D)

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7.2 Service Descriptions

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

(A) Basic Channel Description

Local Channel Systems:

	STS-1	Synchronous (1)			OC-192
		OC-3	OC-12	OC-48	
<u>Central Office Channel Interfaces (4)</u>					
DS1	X	X			
Flex DS1 (13)			X	X	X
DS3 (11)		X	X	X	X
DS3 (Asymmetrical with DS1) (14)		X			
DS3 (Asymmetrical with Flex DS1) (14)			X	X	X
STS-1 (11)	X	X	X	X	X
OC-3		X	X	X	X
OC-12			X	X	X
OC-48				X	X
28 DS1 Channel System(2) (5) (11)		X	X	X	X
STS-1 Channel System(6) (11)		X	X	X	X
OC-3 Channel System(6) (7)			X	X	X
OC-12 Channel System(7)					X
OC-48 Channel System(7)					X
10 Mbps			X	X	X
100 Mbps			X	X	X
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps			X	X	X
Fractional 1000 Mbps at 600 Mbps Or 1000 Mbps (12)				X	X

(D)

(D)

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7.2 Service Descriptions

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

(A) Basic Channel Description

Interoffice Channel Systems:

Channel Interfaces(8)	Synchronous				
	STS-1	OC-3	OC-12	OC-48	OC-192
DS1					
DS3 (11)		X	X	X	X
STS-1 (11)	X	X	X	X	X
OC-3		X	X	X	X
OC-12			X	X	X
OC-48				X	X
28 DS1 Channel System(9) (11)		X	X	X	X
STS-1 Channel System(11)	X	X	X	X	X
OC-3 Channel System(10)		X	X	X	X
OC-12 Channel System(10)					X
OC-48 Channel System(10)					X
10 Mbps			X	X	X
100 Mbps			X	X	X
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps			X	X	X
Fractional 1000 Mbps at 600 Mbps or 1000 Mbps (12)				X	X

(D)  
 |  
 (D)

Notes:

- (1) Channel interface availability varies with system size and transport architecture (asynchronous vs. synchronous). Customers who provide their own optical termination equipment associated with LightGate service (a.k.a. BellSouth SPA Point to Point Network) systems with optical termination at customer's premises are required to utilize compatible channel interface combinations to function with Telephone Company provided central office channel interfaces.

(D)  
 (D)

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7.2 Service Descriptions7.2.9 High Capacity (a.k.a. BellSouth SPA High Capacity) Service(A) Basic Channel Description

Notes: (Cont'd)

- (2) LightGate OC-12 (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity), OC-48 (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) and OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity) local channel systems require 28 DS1 channel system interfaces in addition to DS1 channel interfaces in the central office to derive DS1 channels in the serving wire center.
- (3) Telephone Company provided DS1 customer channel interfaces are offered with LightGate STS-1 (a.k.a. BellSouth SPA Point to Point Network 1 STS-1 capacity) and OC-3 (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity) systems only.
- (4) LightGate service (a.k.a. BellSouth SPA Point to Point Network) central office channel interfaces are not required for the following synchronous LightGate service (a.k.a. BellSouth SPA Point to Point Network) systems with optical termination in the serving wire center: OC-3, OC-12 and OC-48. A LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Channel System with optical termination in the serving wire center may connect in one of the following ways:
  - to another LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Channel or Interoffice Channel at the compatible optical level,
  - to a SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) channel interface (CI) at the compatible optical level, or
  - to a compatible optical level channel interface from a higher level LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Channel or Interoffice Channel.
- (5) 28 DS1 channel system interfaces are required in the central office to terminate DS1 channels on LightGate service OC-3 (a.k.a. BellSouth SPA Point to Point Network OC-3 DS3 capacity), OC-12 (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity), OC-48 (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) and OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity) systems when associated with DS3 channel interfaces at customer termination points.
- (6) STS-1 or OC-3 channel system interfaces are required to terminate DS1 channels in the central office when associated with STS-1 customer channel interfaces. These channel systems may also be used with OC-3, OC-12 or OC-48 customer channel interfaces.

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## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions7.2.9 High Capacity (a.k.a. BellSouth SPA High Capacity) Service(A) Basic Channel Description

Notes: (Cont'd)

- (7) For LightGate service OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity) local channel systems installed prior to February 26, 2003, OC-3, OC-12 or OC-48 channel system interfaces are required to terminate DS3 or STS-1 channels and OC-3 channel system interfaces are required to terminate DS1 channels in the central office.
- (8) Synchronous LightGate service STS-1 (a.k.a. BellSouth SPA Point to Point Network 1 STS-1 capacity) Interoffice Channel Systems offer DS1 or STS-1 channel interfaces only. LightGate service OC-3 (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity), LightGate service OC-12 (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity), LightGate service OC-48 (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) Interoffice Channel Systems require OC-3 channel system, STS-1 channel system, or 28 DS1 channel system interfaces to terminate any channel interfaces at lower transmission rates than DS3 (or STS-1) rates.
- (9) Reserved for Future Use
- (10) OC-3 channel system interfaces provide DS1 channel termination capability with synchronous LightGate OC-3 (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity), synchronous LightGate OC-12 (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity), synchronous LightGate OC-48 (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) or synchronous LightGate OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity) Interoffice Channel Systems. OC-3, OC-12 or OC-48 channel system interfaces provide DS3 or STS-1 channel termination capability with synchronous LightGate OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity) Interoffice Channel Systems.
- (11) DS3, STS-1, 28 DS1 Channel System and STS-1 Channel System interfaces are available on LightGate OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity) systems installed on or after February 26, 2003.
- (12) Available on systems installed on or after September 30, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.
- (13) Available on systems installed on or after March 31, 2005. The maximum number of Flex DS1 circuits available in a system is 96.
- (14) DS3 (Asymmetrical with DS1) and DS3 (Asymmetrical with Flex DS1) Central Office Channel Interfaces are available only for connection to collocation arrangements.

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7.2 Service Descriptions

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

(A) Basic Channel Description

Notes: (Cont'd)

- (15) Not in Use (T)  
(D)
- (16) Available only for systems that do not contain an Optical Customer Termination or an Optical Serving Wire Center Termination. The interface is further defined regarding the number of STS-1s used to provision the interface. Interface availability is based on equipment capability.



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

(A) Basic Channel Description

LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channel systems provided to a customer's designated premises will be installed in a single, common space under Telephone Company control. A local channel system may not be split between premises or terminated in multiple locations within a premises. Except for LightGate service (a.k.a. BellSouth SPA Point to Point Network) systems with optical customers terminations, the customer must provide suitable floor space, controlled environment, and source of non-switched suitable power to support this service at that location.

LightGate STS-1 (a.k.a. BellSouth SPA Point to Point Network STS-1 capacity), LightGate OC-3 (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity), LightGate OC-12 (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity), LightGate OC-48 (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity), and LightGate OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity) interoffice channel systems are intended to extend LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channels to other central offices or to be provided on a stand-alone basis when connected to BellSouth Customer Network Management Service, SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring), and hubbing applications at Voice Grade (a.k.a. BellSouth SPA DSO VG) service levels when not directly connected to LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channels. Each LightGate service interoffice system is only provided between two suitably equipped Telephone Company central offices.

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7.2 Service Descriptions7.2.9 High Capacity (a.k.a. BellSouth SPA High Capacity) Service(B) Technical Specifications Packages

The Compatibility requirements, technical specifications, and generic requirements for High Capacity service (a.k.a. BellSouth SPA High Capacity) service that are terminated at the customers (end users) premises are contained in Technical Reference TR-NPL-000054.

Transmission parameter limits, interface combinations, and technical specifications applicable to Interstate Carriers are contained in Technical Reference TR-INS-000342.

(C) Channel Interfaces

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

<u>CI</u>	<u>Bit Rate</u>
DS-15*	1.544 Mbps (DS1)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-63	6.312 Mbps (DS2)

Compatible channel interfaces are set forth in Technical Reference TR-NPL-000054 and TR-INS-000342.

\* A 64.0 kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Telephone Company Hub.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions7.2.9 High Capacity (a.k.a. BellSouth SPA) Service(E) Optional Features and Functions(1) Automatic Loop Transfer (Automatic Protection Switching)

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare line when a working line fails. The spare line is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer premises. The customer is responsible for providing the equipment at its premises. This feature may not be available with lines utilizing the Clear Channel Capability line code (B8ZS).

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

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

(E) Optional Features and Functions

(2) Channelization

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

	Available with Technical Specifications Package HC-				
	0	1	1C	2	3
Automatic Loop Transfer		X			
Channelization:					
DS3 to DS1					X
DS2 to DS1				X	
DS1C to DS1			X		
DS1 Basic Channelization System		X			
BellSouth Customer Network Management Service	X	X			X

(3) Shared Network Arrangement

- (a) A service offering that provides for multiple customers to cross connect their individual services on a channelized high capacity service or on a wavelength system. The service configurations will be limited to a customer sharing a portion of their transport capacity with another customer. A customer's higher level of transport may be shared at a lower level based on the lower level of interfaces or channelization that are available (e.g., an OC-3 transport shared at the DS1 level, or an OC-48 transport shared at a DS3 level, or an OC-48 transport shared at an OC-12 level, or High Capacity (a.k.a. BellSouth SPA DS1) service shared at a sub-DS1 level, or DS3 transport shared at the DS1 High Capacity (a.k.a. BellSouth SPA DS1) service level).

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

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

(E) Optional Features and Functions

(3) Shared Network Arrangements

- (b) Under the Shared Network Arrangement, BellSouth Telecommunications may share with the host subscriber record information pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of BellSouth Telecommunications, as is necessary to perform billing reconciliations and/or other functions required in connection with maintaining account records. (T)
- (c) Shared Network Arrangements are available in all operating areas of the Telephone Company. Section 7.4.11 contains rate conditions specific to Shared Network Arrangements. (T)

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

SMARTRing service (a.k.a. BellSouth SPA 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, OC-192 and/or 1000 Mbps channel services simultaneously over primary and alternate paths between customer designated locations and Telephone Company Central Offices. This ring topology will continually monitor DS1, DS3, STS-1, OC-3, OC-12, OC-48, OC-192 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, OC-192 and/or 1000 Mbps Services between locations within the network.

SMARTRing service further provides an adjunct optional feature and function capability for the establishment of a virtual packet ring which may be utilized for the transport of Basic Shared Ethernet LAN traffic on a best effort basis.

Customers may purchase SMARTRing asymmetrical<sup>1</sup> optical interfaces up to the full ring capacity at a customer node or central office node, as shown in the chart in Section 7.2.11(A). For example, an OC-12 SMARTRing may have an OC-12 asymmetrical optical interface and an OC-48 SMARTRing may have an OC-48 asymmetrical optical interface. The interface capacity cannot exceed the node capacity of the host SMARTRing.

(T)

<sup>(1)</sup>An asymmetrical arrangement allows a Customer to input a lower level interface at one node and aggregate onto a higher level optical interface at a second node such as at a Customer's point of presence (POP). For example, the Customer has a four node OC-48 SMARTRing with DS3 interfaces at Nodes A, B, and C. The Customer wants to aggregate multiple DS3s to Node Location D, which can be an OC-48 optical interface. The Customer can aggregate up to 48 DS3 interfaces to the OC-48 optical interface at Node D via Connecting Facility Assignments (CFA) in the ordering process.

ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is available at OC-1, OC-3, OC-3+ OC-12, OC-48, OC-48+, OC-192 and OC-192+ capacities.

OC-1 SMARTRing service (a.k.a. BellSouth SPA 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. BellSouth SPA Dedicated Ring). The OC-1 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) shares the transport of its host SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring). OC-1 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) provides an equivalent capacity of 28 DS1s or one STS-1. When an OC-1 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) overlays an OC-12, OC-48, or OC-48+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring), an OC-1 channel interface is required.

OC-3 SMARTRing service (a.k.a. BellSouth SPA 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 SPA Dedicated Ring). OC-3 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) provides an equivalent capacity of 3 DS3s, or any combination thereof not to exceed an OC-3 capacity.

Channel Interface Capacity Reallocation allows the customer to reallocate STS-1, DS3 and/or DS1 capacities to OC-3 nodes subsequent to the initial configuration of an OC-3 ring.

OC-3+<sup>(1) (2)</sup> SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is available as an individual service, or in combination with OC-12 SMARTRing service (a.k.a. BellSouth SPA 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 SPA Dedicated Ring). OC-3+ SMARTRing service (a.k.a. BellSouth SPA 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. (N)

(1) Effective June 15, 2010, new OC-3+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is no longer available. Existing service is limited to existing nodes at existing locations.

(2) Effective May 30, 2015, the Telephone 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. (N)  
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(N)

ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

When a customer orders OC-3+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) in combination with OC-12 SMARTRing service (a.k.a. BellSouth SPA 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.

OC-12 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is available as an individual service, or in combination with OC-3+ SMARTRing service (a.k.a. BellSouth SPA 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 SPA Dedicated Ring). OC-12 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) provides an equivalent capacity of 12 DS3s.

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OC-48 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is available as an individual service, or with overlaying rings in capacities of OC-1, OC-3, OC-3+ and/or OC-12, or in an Overlay Ring Arrangement riding the customer's host OC-192 or OC-192+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring). OC-48 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) provides an equivalent capacity of 48 DS3s.

OC-48+ SMARTRing service (a.k.a. BellSouth SPA 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 SPA 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 SPA Dedicated Ring) is determined by the number of Customer and Central Office nodes on the ring.



ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

OC-192 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is available as an individual service, or with overlaying rings in capacities of OC-3, OC-3+, OC-12 and/or OC-48 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring). OC-192 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) provides an equivalent capacity of 192 DS3s.

OC-192+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is available as an individual bi-directional service, or with overlaying rings in capacities of OC-3, OC-3+, OC-12, OC-48 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 SPA Dedicated Ring) is determined by the number of Customer and Central Office nodes on the ring.

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7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

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

**NODES**

<b><u>Channel Interfaces</u></b>	<b>OC-1</b>	<b>OC-3</b>	<b>OC-3+</b>	<b>OC-12</b>	<b>OC-48</b>	<b>OC-48+</b>	<b>OC-192</b>	<b>OC-192+</b>
DS1	Yes	Yes	Yes	No <sup>1</sup>	No <sup>1</sup>	No <sup>1</sup>	No <sup>1</sup>	No <sup>1</sup>
DS3	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes <sup>3</sup>
STS-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes <sup>3</sup>
OC-1 <sup>2</sup>	No	No	No	Yes	Yes	Yes	No	No
OC-3	No	No	No	Yes	Yes	Yes	Yes	Yes
OC-12	No	No	No	No	Yes	Yes	Yes	Yes
OC-48	No	No	No	No	No	No	Yes	Yes
OC-3 (Asymmetrical Arrangement)	No	Yes	No	Yes	Yes	Yes	Yes	Yes
OC-12 (Asymmetrical Arrangement)	No	No	No	Yes	Yes	Yes	Yes	Yes
OC-48 (Asymmetrical Arrangement)	No	No	No	No	Yes	Yes	Yes	Yes
OC-192 (Asymmetrical Arrangement)	No	No	No	No	No	No	Yes	Yes
28 DS1 Channel System (DS3)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes <sup>3</sup>
28 DS1 Channel System (STS-1)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes <sup>3</sup>
DS3 (Asymmetrical with DS1)	No	Yes	Yes	Yes	Yes	No	Yes	No
DS3 (Asymmetrical with Flex DS1)	No	No	No	Yes	Yes	Yes	Yes	Yes
DS1 Within an STS-1 Asymmetrical Arrangement	No	Yes	Yes	No	No	No	No	No
10 Mbps	No	Yes	No	Yes	Yes	Yes	Yes	Yes
100 Mbps	No	No	No	Yes	Yes	Yes	Yes	Yes
Flex DS1	No	No	No	Yes	Yes	Yes <sup>4</sup>	Yes	Yes <sup>4</sup>
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	Yes <sup>5</sup>	No	Yes	Yes	Yes	Yes	Yes
Fractional 1000 Mbps at 600 Mbps or 1000 Mbps <sup>6</sup>	No	No	No	No	Yes	Yes	Yes	Yes
100 Mbps BellSouth Metro Ethernet Backbone <sup>7</sup>	No	Yes	No	Yes	Yes	Yes	Yes	Yes
1000 Mbps BellSouth Metro Ethernet Backbone <sup>6</sup>	No	No	No	No	Yes	Yes	Yes	Yes

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: DS3, STS-1, 28 DS1 Channel System (DS3) and 28 DS1 Channel System (STS-1) interfaces are only available on rings installed on or after February 26, 2003.

Note 4: Flex DS1 capabilities are as described previously in this Section for OC-48+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) and OC-192+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring).

Note 5: 50 Mbps only is available on OC-3 Nodes.

Note 6: Available on rings installed on or after September 30, 2003. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 7: 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1s utilized in conjunction with the interface. The 100 Mbps (3 STS-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 Nodes.

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ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. Bell South SPA Dedicated Ring)

SMARTRing service (a.k.a. Bell South SPA Dedicated Ring) Channel Interfaces are available as follows:

<u>Channel Interfaces</u>	<u>NODES</u>							
	<u>OC-1</u>	<u>OC-3</u>	<u>OC-3+</u>	<u>OC-12</u>	<u>OC-48</u>	<u>OC-48+</u>	<u>OC-192</u>	<u>OC-192+</u>
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone <sup>1</sup>	No	No	No	Yes	Yes	Yes	Yes	Yes
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone <sup>1</sup>	No	No	No	No	Yes	Yes	Yes	Yes
Fibre Connection (FICON™) <sup>1</sup>	No	No	No	No	Yes	Yes	Yes	Yes
Fibre Connection (FICON™) <sup>1</sup> Express	No	No	No	No	No	No	Yes	Yes
Fibre Channel 100 <sup>1</sup>	No	No	No	No	Yes	Yes	Yes	Yes
Fibre Channel 200 <sup>1</sup>	No	No	No	No	No	No	Yes	Yes

Note 1: Availability is based on equipment capability.

FICON™ is a registered trademark of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

Basic Shared Ethernet LAN Access Links

(T)

SMARTRing service ordered and installed after June 30, 2006, is available with an optional feature and function capability in which a customer may utilize all or part of his SMARTRing service to establish an adjunct Virtual Packet Ring. A Virtual Packet Ring is separate and apart from the SONET capabilities associated with high capacity channel transport via DS1 through OC-48 interfaces. A Virtual Packet Ring provides the capability for a customer to transport Ethernet LAN traffic utilizing Basic Shared Ethernet LAN Access Links that have best effort service capabilities in which the throughput associated with a Virtual Packet Ring are controlled/affected by the customer's traffic and network configuration. Since this is a best effort service, the Telephone Company does not guarantee any performance levels including packet loss, latency or jitter of the customer's network if the customer chooses to oversubscribe his network. Problems associated with throughput due to the best effort service capabilities of a Virtual Packet Ring do not constitute a service interruption for which a credit allowance would apply.

SMARTRing service Basic Shared Ethernet LAN Access Links are available as follows:

Basic Shared Ethernet LAN Access Links	NODES							(T)
	OC-3	OC-3+	OC-12	OC-48	OC-48+	OC-192	OC-192+	
10 Mbps - Electrical	Yes	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	(T)
100 Mbps - Electrical	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	(T)
100 Mbps - Optical	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	(T)
Fractional 1000 Mbps - Optical at 50 Mbps	Yes <sup>1</sup>	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	(T)
Fractional 1000 Mbps - Optical at 150 Mbps, 300 Mbps or 450 Mbps	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	(T)
Fractional 1000 Mbps - Optical at 600 Mbps or 1000 Mbps	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	(T)

SMARTRing service Basic Shared Ethernet LAN Access Links are available based on equipment capability and a customer's requested service configuration. Upon a customer request for Basic Shared Ethernet LAN Access Links, equipment capability associated with the requested configuration shall be determined. Upon successful determination of the functionality of the customer's requested arrangement, the requested service shall be made available.

**Note 1:** Basic Shared Ethernet LAN Access Links are available based on equipment capability. Basic Shared Ethernet LAN multipoint interfaces allow the SONET "timeslots" to be available at multiple node locations as per TR 73582. Basic Shared Ethernet LAN Access Links at Central Office Nodes are available for connection to collocation arrangements only.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions (N)

7.2.11 Self-healing Rings (N)

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring) (N)

Basic Shared Ethernet LAN Service - Metro Ethernet Access Links (N)

SMARTRing service ordered on or after June 15, 2009 will have an optional feature and function associated with Virtual Packet Rings. Customers will be able to transport BellSouth Metro Ethernet service (7.2.18) over SMARTRing Service Metro Ethernet Access Links. Connections between Metro Ethernet and SMARTRing service are at SMARTRing central office nodes. The VPR will broadcast the Metro Ethernet to all Metro Ethernet Access Links associated with a specific VPR. Since this is a best effort service, the Telephone Company does not guarantee any performance levels including packet loss, latency or jitter of the customer's network if the customer chooses to oversubscribe his network. Problems associated with throughput due to the best effort service capabilities of a Virtual Packet Ring do not constitute a service interruption for which a credit allowance would apply. (N)

The connection at the central office between Metro Ethernet and SMARTRing service is Optical. The mixing of Access Link traffic and Metro Ethernet Access Link traffic on the same VPR is not supported. An out of service condition occurs, when an existing Access Link is converted to a Metro Ethernet Access Link. (N)

Reconfiguration associated with Customer Network Management will not be allowed on Metro Ethernet Access Links. (N)

Connection of Metro Ethernet to Dedicated Internet Access service is limited to port-only when associated with Metro Ethernet Access Links. (N)

SMARTRing service Basic Shared Ethernet LAN - Metro Ethernet Access Links are available as follows: (N)

Metro Ethernet Access Links - Fractional 1000 Mbps at:	NODES						
	OC-3	OC-3+	OC-12	OC-48	OC-48+	OC-192	OC-192+
150 Mbps	No	No	Yes	Yes	Yes	Yes	Yes
300 Mbps	No	No	Yes	Yes	Yes	Yes	Yes
450 Mbps	No	No	Yes	Yes	Yes	Yes	Yes
600 Mbps	No	No	No	Yes	Yes	Yes	Yes
1000 Mbps	No	No	No	Yes	Yes	Yes	Yes

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ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing) Service (a.k.a. Bell South SPA Dedicated Ring)

SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) interfaces may be ordered as asymmetrical (i.e., a circuit enters one node at a lower level interface and exits at another node at a higher level interface).

The Flex DS1 interface provides customers shared STS-1 capabilities at the ring level such that customers may route DS1s within an STS-1 between various nodes on the ring. The maximum quantity of Flex DS1 interfaces available at a node is 108. For DS1 interface requirements greater than the 108 Flex DS1 capability, standard DS1 interfaces are available via OC-1, OC-3 and OC-3+ Overlay Ring Arrangements or 28 DS1 Channel Systems.

The DS3 (Asymmetrical with DS1) interface allows a customer to aggregate DS1s originating from multiple nodes on a ring into a single DS3 interface at a designated node. A DS3 (Asymmetrical with DS1) interface has the capacity to aggregate 28 DS1s.

The DS3 (Asymmetrical with DS1) may interface at an OC-12, OC-48 or OC-192 node with a Flex DS1 interface.

The DS1 within an STS-1 Asymmetrical Arrangement interface rate element applies in lieu of the STS-1 interface for the higher level termination of an asymmetrical arrangement when the lower level interface is a DS1.

SMARTRing service OC-3, OC-12, or OC-48 channel interfaces are associated with optical circuits within a SMARTRing service arrangement. These optical circuits may be provisioned as concatenated. When an optical circuit is provisioned as concatenated, the multiple STS-1s within the optical circuit are provided as a single entity with a single overhead channel.

ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. Bell South SPA Dedicated Ring)

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

OVERLAYING SMARTRing Service (a.k.a. BellSouth SPA Dedicated Ring)	<u>OC-12</u>	<u>OC-48</u>	<u>OC-48+</u>	<u>OC-192</u>	<u>OC-192+</u>
OC-1	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

SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is connectible at Telephone Company Central Offices to any 44.736 Mbps and/or 1.544 Mbps services as provided in Section 7 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.

Shared Network Arrangements will not be provided with SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) at the ring level. Shared Network Arrangements as defined in Section 2.6 apply at the channel interface level only.

ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

Basic Shared Ethernet LAN Access Links are further defined per TR 73582. Basic Shared Ethernet LAN Access Links can connect from a SMARTRing Central Office Node to a collocation point in the same central office or to another SMARTRing Central Office Node in the same central office. (C)  
(C)  
(C)  
(C)

10 Mbps Basic Shared Ethernet LAN, 100 Mbps Basic Shared Ethernet LAN and/or Fractional 1000 Mbps Basic Shared Ethernet LAN Access Links provide multipoint functionality, i.e., Ethernet frames are delivered to two or more locations on a customer's SMARTRing service. This is a multipoint connection with a bandwidth defined by a Virtual Packet Ring. A Virtual Packet Ring Connection is the medium by which two or more locations exchange Ethernet frames. The bandwidth of the Virtual Packet Ring Connection is determined by the number of STS1's reserved for the Virtual Packet Ring Connection. In order for a customer to access the Virtual Packet Ring, SMARTRing service Customer Nodes must have a 10 Mbps Basic Shared Ethernet LAN, 100 Mbps Basic Shared Ethernet LAN and/or Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link.

The Virtual Packet Ring sizes available for the various SMARTRing service rings capacities and the Basic Shared Ethernet Access Links available on a Virtual Packet Ring are as follows:

<u>SMARTRing Service Ring Capacity</u>	<u>VIRTUAL PACKET RING SIZE (MBPS)</u>						
	<u>50</u>	<u>150</u>	<u>300</u>	<u>450</u>	<u>600</u>	<u>1000</u>	
OC-3	Yes	No	No	No	No	No	(N)
OC-12	Yes	Yes	Yes	Yes	No	No	
OC-48 or OC-48+	Yes	Yes	Yes	Yes	Yes	Yes	
OC-192 or OC-192+	Yes	Yes	Yes	Yes	Yes	Yes	

  

<u>Basic Shared Ethernet Access Links</u>	<u>VIRTUAL PACKET RING SIZE (MBPS)</u>						
	<u>50</u>	<u>150</u>	<u>300</u>	<u>450</u>	<u>600</u>	<u>1000</u>	
10 Mbps Basic Shared Ethernet LAN Access Link - Electrical	Yes	Yes	Yes	Yes	Yes	Yes	
100 Mbps Basic Shared Ethernet LAN Access Link - Electrical	Yes	Yes	Yes	Yes	Yes	Yes	(C)
100 Mbps Basic Shared Ethernet LAN Access Link - Optical	Yes	Yes	Yes	Yes	Yes	Yes	(C)
Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link - Optical at 50 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(C)
- Optical at 150 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(C)
- Optical at 300 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(C)
- Optical at 450 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(C)
- Optical at 600 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(C)
- Optical at 1000 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(N)



ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions (N)

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring) (N)

Metro Ethernet Access Link sizes associated with the VPR are as follows: (N)

Metro Ethernet Access Links - Fractional 1000 Mbps at:	Virtual Packet Ring (MBPS)					
	50	150	300	450	600	1000
150 Mbps	No	Yes	Yes	Yes	Yes	Yes
300 Mbps	No	No	Yes	Yes	Yes	Yes
450 Mbps	No	No	No	Yes	Yes	Yes
600 Mbps	No	No	No	No	Yes	Yes
1000 Mbps	No	No	No	No	No	Yes

**Note 1:** Metro Ethernet Access Links are provisioned on a 1000 Mbps optical card in Metro Ethernet switch and SMARTRing node. (N)

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ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing) Service (a.k.a. Bell South SPA Dedicated Ring)

For SMARTRing service (a.k.a. Bell South SPA Dedicated Ring) configured with a Virtual Packet Ring(s), an individual VPR requires multiple (i.e., two or more) Basic Shared Ethernet LAN Access Links. Individual Basic Shared Ethernet LAN Access Links associated with a VPR may be any size, as chosen by the customer. Based on a customer oversubscribing Access Links or a VPR, (i.e., placing an amount of traffic on an Access Link(s) or a VPR that is greater than the capacity of the Access Link(s) or VPR that is subscribed to by the customer), the performance levels including packet loss, latency or jitter of the customer's network may be affected. An individual SMARTRing service (a.k.a. Bell South SPA Dedicated Ring) arrangement may have multiple Virtual Packet Rings, up to and including the capacity of the ring.

SMARTRing service (a.k.a. Bell South SPA Dedicated Ring) Virtual Packet Rings may be established to work with either electrical or optical Basic Shared Ethernet LAN Access Links. A Virtual Packet Ring established associated with electrical access links will only work with electrical Basic Shared Ethernet LAN Access Links and a Virtual Packet Ring established associated with optical access links will only work with optical Basic Shared Ethernet LAN Access Links. Electrical and optical access links may not be mixed on the same Virtual Packet Ring.

ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions (N)

7.2.11 Self-healing Rings (N)

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring) (N)

Metro Ethernet Access Link service uses the SMARTRing service as transport and broadcasts the Metro Ethernet to all Metro Ethernet Access Links associated with a specific VPR. Connection with the Metro Ethernet circuit at the SMARTRing central office node is limited to optical connections. (N)

Metro Ethernet and SMARTRing Metro Ethernet Access Links are limited to the following connections: (N)

Metro Ethernet Connection	SMARTRing Metro Ethernet Access Link Fractional 1000 Mbps at - Central Office	SMARTRing Metro Ethernet Access Link Fractional 1000 Mbps at - Customer Premises	(N)
Basic 1000 Mbps	1000 Mbps	1000 Mbps	(N)
Premium 100 Mbps Optical (Fixed)	150 Mbps	150 Mbps	(N)
Premium 250 Mbps (Fixed)	300 Mbps	300 Mbps	(N)
Premium 500 Mbps (Fixed)	600 Mbps	600 Mbps	(N)
Premium 100, 250, 500 (Burst)	1000 Mbps	1000 Mbps	(N)
Premium 900 Mbps, 1000 Mbps	1000 Mbps	1000 Mbps	(N)
Virtual Ethernet Service (VES) 100 Mbps	150 Mbps	150 Mbps	(N)
VES 200 Mbps	300 Mbps	300 Mbps	(N)
VES 300 Mbps	300 Mbps	300 Mbps	(N)
VES 450 Mbps	450 Mbps	450 Mbps	(N)
VES 600 Mbps	600 Mbps	600 Mbps	(N)
VES 750, 900, 1000 Mbps	1000 Mbps	1000 Mbps	(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

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

Where the customer provides two separate entrance facility cable routes for SMARTRing service (a.k.a. BellSouth SPA 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. In such event, the Customer will be billed Local Channel Mileage charges for such Alternate Central Office Channel, since the Customer did not specifically request an Alternate Central Office Channel. When facilities become available for the second Local Channel, the Telephone Company may rearrange the alternate route at any time.

SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) OC-1, OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 or OC-192+ capacity installed on or after June 3, 1994, is also available with BellSouth SPA CNM - FlexServ Service under the rates and conditions set forth in 7.4.12 following. BellSouth SPA CNM - FlexServ Service is available with two options:

(1) Surveillance or (2) Reconfiguration. Customers wishing to incorporate either of these capabilities into their SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) should advise the Telephone Company at the time the initial service is requested. When the customer requests to add either BellSouth SPA CNM - FlexServ Service option subsequent to the initial service installation, a SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Rearrangement charge applies as set forth in Section 7.5.14. Customers who desire to only monitor their rings may order only Surveillance. However, customers who order Reconfiguration must already be subscribing to Surveillance or be ordering Surveillance coincident with Reconfiguration. Reconfiguration may not be ordered without Surveillance.

(T)

Reconfiguration is provided on a per STS-1 basis. Customers who wish to utilize this service to reconfigure DS1 interfaces must purchase the BellSouth SPA CNM - FlexServ Service Reconfiguration option for all DS1 interfaces associated with the STS-1 group which the customer desires to have equipped with BellSouth SPA CNM - FlexServ Service capability.

When the customer orders Reconfiguration, the customer must order a sufficient quantity of SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) channel interfaces at every Customer Node and Central Office Node where reconfiguration capability is desired. This option is also available with SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) DS3 channel interfaces which transport BellSouth SWA service.

Reconfiguration for SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) interfaces applies to interfaces on the ring only.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) OC-1, OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 or OC-192+ capacity installed on or after June 3, 1994, is also available with BellSouth Customer Network Management Service under the rates and conditions set forth in Section 7.4.12. BellSouth Customer Network Management Service is available with two options: (1) Surveillance or (2) Reconfiguration. Customers wishing to incorporate either of these capabilities into their SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) should advise the Telephone Company at the time the initial service is requested. When the customer requests to add either BellSouth Customer Network Management Service option subsequent to the initial service installation, a SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Rearrangement charge applies as set forth in Section 7.5.14. Customers who desire to only monitor their rings may order only Surveillance. However, customers who order Reconfiguration must already be subscribing to Surveillance or be ordering Surveillance coincident with Reconfiguration. Reconfiguration may not be ordered without Surveillance. (T) (D)

Reconfiguration is provided on a per STS-1 basis. Customers who wish to utilize this service to reconfigure DS1 interfaces must purchase the BellSouth Customer Network Management Service Reconfiguration option for all DS1 interfaces associated with the STS-1 group which the customer desires to have equipped with BellSouth Customer Network Management Service capability. (T)

When the customer orders Reconfiguration, the customer must order a sufficient quantity of SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) channel interfaces at every Customer Node and Central Office Node where reconfiguration capability is desired. This option is also available with SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) DS3 channel interfaces which transport BellSouth SWA service.

Reconfiguration for SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) interfaces applies to interfaces on the ring only.

Reconfiguration is not available with 100 Mbps and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.11 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

Effective December 30, 2006, Shared Node Interconnection capability is available 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.

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 ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions7.2.11 Self-healing Rings(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

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, BellSouth SPA CNM - FlexServ Service may not be ordered with a Regeneration Node, however, a customer may monitor a Regeneration Node via the BellSouth SPA CNM - FlexServ 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 SPA CNM - FlexServ Service Surveillance. Regeneration Node and Regeneration Node Surveillance, as applicable, will appear on a customer's records as non-rated USOC(s), as follows:

Regeneration Node, all ring capacities, non-rated SHNRD

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

SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) may interconnect with Optical Network Protected Wavelength Channels, and it is restricted to an end-to-end 2-fiber Network Interface only.

## ACCESS SERVICE

## 7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions7.2.11 Self-healing Rings(B) Technical Specifications Packages

The compatibility requirements, technical specifications, and generic requirements for SMARTRing service (a.k.a. BellSouth SPA 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.

DS3 interface combinations and technical specifications are referenced in Bellcore TR-INS-000342.

DS1 interface combinations and technical specifications are referenced in Bellcore TR-NPL-000054.

STS-1, OC-1, OC-3, and OC-12 interface combinations and technical specifications are referenced in BellSouth Telecommunications Technical Reference TR-73582. (T)

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% error-free seconds and a severely errored second (SES) objective of less than 0.009% 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% error-free seconds.



ACCESS SERVICE

(N)

7- Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions (Cont'd)

7.2.11 Self-healing Rings (Cont'd)

(C) Jointly Provided Service

(1) General

SMARTRing<sup>®</sup> Service may be available in a meet-point billing arrangement involving another Incumbent Local Exchange Carrier (ILEC) (sometimes also referred to as an Independent Company or ICO), where suitable facilities exist and where appropriate procedures for such arrangement have been put in place between the Telephone Company and the other ILEC. When the Telephone Company and another ILEC jointly provide a meet-point ring arrangement, each ILEC involved shall provision and bill the portion of service located in its operating territory according to the terms and conditions of that ILEC's applicable tariffs or other service publications. Meet-point billing arrangements are not available for OC-3 SMARTRing<sup>®</sup> Service.

(2) Ordering

The Customer shall order SMARTRing<sup>®</sup> Service by issuing an access order, or by such other means for the exchange telephone companies to provision on the ring in each exchange telephone company territory. The Customer will place the order for service as set forth in the ordering conditions for the requested service.

(3) Credit Allowance for Service Interruption

SMARTRing<sup>®</sup> Service, provided in a meet-point arrangement, is subject to the general terms and conditions in Part 3, Section 2, including, without limitation, the exclusions applicable to Credit Allowances for Service Interruptions, as provided in Part 3, Section 2.4.4(C). As clarification, but not to modify any such terms and conditions, a Credit Allowance for Service Interruptions shall not apply to any service interruption resulting from any failure attributable to the other ILEC jointly providing the service or otherwise not attributable to the Telephone Company.

(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.18 BellSouth Metro Ethernet Service

- (A) BellSouth Metro Ethernet Service is a high-speed packet transport that is based on Ethernet transmission parameters. BellSouth Metro Ethernet Service provides various transport capabilities that range from 2 Mbps through 1 Gbps with capabilities for basic, premium, dedicated and virtual arrangements that may be used to meet individual customer needs.
- (B) BellSouth Metro Ethernet Service signals meet IEEE 802.3, 802.3u, or 802.3z standards. BellSouth Metro Ethernet Service also uses 802.1Q VLAN tagging and stacking for certain service configurations contained herein. Metro Ethernet Service Connections installed after September 20, 2012 will be limited to a maximum of 100 MAC addresses. Technical requirements for interfaces with customer premises equipment (CPE) are contained in ANSI/IEEE 802.3-2002 Specifications. (D)
- (C) BellSouth Metro Ethernet Service interface specifications are set forth in BellSouth Technical Reference TR-73632. Technical limitations associated with provisioning 2 Mbps, 4 Mbps and 8 Mbps BellSouth Metro Ethernet Connections based upon distance from the customer's premises to service wire center and equipment configurations exist and are also set forth in Technical Reference TR-73632.
- (D) The rates and charges set forth in Section 7.5.22 for BellSouth Metro Ethernet Service provide for the furnishing of service in certain metropolitan areas where suitable Telephone Company facilities are available. In locations where BellSouth Metro Ethernet Service is not available, special construction charges may apply. (T)
- (E) A LAN (local area network) is a communications network spanning a limited geographical area. A LAN connects computers and other peripheral equipment for data communications purposes within a building or campus environment.
- (F) A VLAN (virtual local area network) is a logical grouping of Metro Ethernet connections that allows data transmission between such connections to occur as if all connections are on the same physical LAN.
- (G) Metro Ethernet is a service where Local Area Networks (LANs) send bi-directional Ethernet traffic to other LANs on an Ethernet Wide Area Network (WAN). Ethernet is one of the most widely deployed LAN/WAN standards. BellSouth Metro Ethernet Service supports IEEE Standard 802.3, 802.3u and 802.3z transmission standards.
- (H) A Metro Ethernet Customer Network is defined as the set of interconnected Metro Ethernet connections assigned to the same VLAN within the BellSouth core network. Premium Connections that include the Q-Forwarding optional feature described in Section 7.2.18(O) and Virtual Connections that include the VLAN Aggregation optional feature described in Section 7.2.18(P) may be part of more than one Metro Ethernet Customer Network. (T) (T)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.18 BellSouth Metro Ethernet Service

- (I) A Basic BellSouth Metro Ethernet Service Connection provides 2 Mbps, 4 Mbps, 8 Mbps, 10 Mbps, 100 Mbps and 1 Gbps Ethernet capabilities that are a part of a BellSouth Metro Ethernet Service network within a metropolitan area. Basic BellSouth Metro Ethernet Service is a best effort service with service capabilities that are affected by overall traffic on the Basic BellSouth Metro Ethernet Service network and is suitable for data transmission only.

A Basic BellSouth Metro Ethernet Service connection operating at any of these speeds is capable of interconnecting with other Basic BellSouth Metro Ethernet Service Connections that are operating at any of these speeds in the same metropolitan area.

A Basic BellSouth Metro Ethernet Service connection provides data channel transport that connects customer premises<sup>1</sup> that are 10 miles or less in distance from the BellSouth Metro Ethernet Service wire center associated with the Basic BellSouth Metro Ethernet Service Connection. Customer locations<sup>1</sup> greater than 10 miles from the Basic BellSouth Metro Ethernet Service wire center also require BellSouth Metro Ethernet Service Additional Mileage charges.

- (J) A Premium BellSouth Metro Ethernet Service Connection provides 2 Mbps, 4 Mbps, 8 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps, 900 Mbps, and 1000 Mbps Ethernet capabilities that are a part of a BellSouth Metro Ethernet Service network within a metropolitan area. Premium BellSouth Metro Ethernet Service provides the ability to order Ethernet Service with improved service characteristics to meet customer needs regarding the assurance of bandwidth availability.

Premium BellSouth Metro Ethernet Service provides customer capabilities to assure service characteristics via ordering a Committed Bandwidth (CBW). A CBW is the minimum bandwidth across the BellSouth Metro Ethernet Service network within a metropolitan area between a customer's Premium BellSouth Metro Ethernet Service locations.

Premium BellSouth Metro Ethernet Service Connections are available with "Fixed" and "Burst" capabilities unless specified otherwise<sup>2</sup>. With the Fixed arrangement, Premium BellSouth Metro Ethernet Service Connections will have the bandwidth ordered (e.g., 10 Mbps) available across the BellSouth Metro Ethernet Service network. With the Burst arrangement, Premium BellSouth Metro Ethernet Service Connections will have the ability to send burst of data above their CBW rate, if network capacity is available. For example, a 10 Mbps, a 20 Mbps and a 50 Mbps Connection may Burst up to 100 Mbps, while a 100 Mbps, a 250 Mbps and a 500 Mbps Connection may Burst up to 1 Gbps.

Note 1: And as alternatively set forth in 7.4.32.(A)(5), (6) and (7).

Note 2: Premium Connections at 10 Mbps, 20 Mbps, and 50 Mbps are available only as Fixed arrangements (i.e., "Burst" capability is not available) when provisioned on a 1000 Mbps customer interface. Premium Connections at 100 Mbps are only available as Fixed arrangements when provisioned on a 100 Mbps customer interface. Regardless of customer interface speed, Premium Connections at 2 Mbps, 4 Mbps, 8 Mbps, 900 Mbps, and 1000 Mbps are available only as Fixed arrangements.

(C)  
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(C)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.18 BellSouth Metro Ethernet Service

(J) (Cont'd)

A Premium BellSouth Metro Ethernet Service Connection operating at any of these speeds is capable of interconnecting with other Premium BellSouth Metro Ethernet Service Connections that are operating at any of these speeds in the same metropolitan area.

A Premium BellSouth Metro Ethernet Service Connection provides data channel transport that connects customer premises<sup>1</sup> that are 10 miles or less in distance from the BellSouth Metro Ethernet Service wire center associated with the Premium BellSouth Metro Ethernet Service Connection. Customer locations<sup>1</sup> greater than 10 miles from the Premium BellSouth Metro Ethernet Service wire center also require BellSouth Metro Ethernet Service Additional Mileage charges.

(K)

(D)

(D)

<sup>1</sup> And as alternatively set forth in 7.4.32.(A)(5), (6) and (7).

(D)

(D)

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions7.2.18 BellSouth Metro Ethernet Service

- (L) A Virtual BellSouth Metro Ethernet Service Connection provides 2 Mbps, 4 Mbps, 8 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 80 Mbps, 100 Mbps, 200 Mbps, 300 Mbps, 450 Mbps, 600 Mbps, 750 Mbps, 900 Mbps and 1000 Mbps Ethernet capabilities that are a part of a BellSouth Metro Ethernet Service network within a metropolitan area. Virtual BellSouth Metro Ethernet Service provides the ability to order Ethernet Service where a single customer connection can support multiple applications with varying Quality of Service (QoS) features and Classes of Service.

Virtual BellSouth Metro Ethernet Service provides customer capabilities to support different Classes Of Service (COS) (i.e., Real-Time, Interactive, Business Critical and Best Effort as described in 7.2.18(T)) over the same Connection and offers customers increased flexibility to match bandwidth to their real needs for voice/data/video applications on each Connection. The customer orders the percentage of their Virtual BellSouth Metro Ethernet Service Connection bandwidth that will be allocated for each class of service.

For each Virtual Connection, the customer's bandwidth will be rate-limited or policed to a fixed speed for each COS level specified in the COS profile selected for the Virtual Connection.

A Virtual BellSouth Metro Ethernet Service Connection operating at any of these speeds is capable of interconnecting with other Virtual BellSouth Metro Ethernet Service Connections that are operating at any of these speeds in the same metropolitan area.

A Virtual BellSouth Metro Ethernet Service Connection provides data channel transport that connects customer premises<sup>1</sup> that are 10 miles or less in distance from the BellSouth Metro Ethernet Service wire center associated with the Virtual BellSouth Metro Ethernet Service Connection. Customer locations<sup>1</sup> greater than 10 miles from the Virtual BellSouth Metro Ethernet Service wire center also require BellSouth Metro Ethernet Service Additional Mileage charges.

- (M) A BellSouth Metro Ethernet Service Independent Company (ICO) Trunk Connection provides interconnection between BellSouth's Ethernet network and the Ethernet network of an Independent Telephone Company. A BellSouth Metro Ethernet Service ICO Trunk Connection provides data channel transport for connections that are 10 airline miles or less in distance from the BellSouth Metro Ethernet Service ICO Trunk Connection wire center to the meet-point with the Independent Company. Meet-point locations greater than 10 airlines miles from the BellSouth Metro Ethernet Service ICO Trunk Connection wire center also require BellSouth Metro Ethernet Service Independent Company Trunk Additional Mileage charges.

Note 1: And as alternatively set forth in 7.4.32.(A) (5), (6) and (7).

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.18 BellSouth Metro Ethernet Service

(N) BellSouth Metro Ethernet Service Additional Mileage charges associated with a BellSouth Metro Ethernet Service Connection apply when the total distance from the customer premises<sup>1</sup> to the BellSouth Metro Ethernet Service wire center associated with the service serving the customer premises<sup>1</sup> is greater than 10 miles in length. The additional mileage is measured in airline miles from the customer premises<sup>1</sup> to the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service. Fractions of miles will be considered as a whole mile.

BellSouth Metro Ethernet Service Additional Mileage charges apply to Basic, Premium, and Virtual BellSouth Metro Ethernet Service based on the service's speed and the total distance associated with the data channel. The BellSouth Metro Ethernet Service Additional Mileage Charge is based on the mileage band the total data channel mileage falls into. For example, a data channel that is 30 miles in length would be charged the additional mileage rate for the greater than 25 mile through 35 mile band.

(D)

(O) BellSouth Metro Ethernet Service Independent Company (ICO) Trunk Additional Mileage Charges associated with a BellSouth Metro Ethernet Service ICO Trunk Connection apply when the total distance from the BellSouth Metro Ethernet Service ICO Trunk Connection wire center to the meet-point with the Independent Company is greater than 10 airline miles in length. The additional mileage is measured in airline miles from the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service ICO Trunk Connection to the Independent Company meet-point. Fractions of miles will be considered as a whole mile.

<sup>1</sup> And as alternatively set forth in 7.4.32.(A)(5), (6) and (7).

(D)  
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(D)

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ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions7.2.18 BellSouth Metro Ethernet Service

(P) Priority Plus is an optional feature available to customers with Premium BellSouth Metro Ethernet Service. Priority Plus provides the customer with the ability to prioritize their traffic in accordance with a predefined hardware queue model approach. With this option, customers will assign priority values to their data and higher-priority data will be transmitted first. Priority Plus service traffic is limited to a small subset of the total Committed Bandwidth (CBW) traffic and is marked for expedited handling within the Metro Ethernet Service. Customers that desire Priority Plus must establish it for all of their Premium BellSouth Metro Ethernet Service Connections within that Metro Ethernet Customer Network.

(Q) Q-Forwarding is an optional feature available to customers with Premium BellSouth Metro Ethernet Service. Q-Forwarding provides VLAN aggregation across a common physical connection. This feature supports customer aggregation of traffic from multiple Metro Ethernet Customer Networks (referred to as VLANS). This aggregated traffic can be transported back to a central location and across a common Metro Ethernet Service Connection (referred to as the "aggregation" connection). Q-Forwarding utilizes IEEE 802.1Q VLAN Tagging procedures.

With Q-Forwarding, special technical considerations set forth in Technical Reference 73632 must be taken into account to determine the customer's CBW across their BellSouth Metro Ethernet Network.

While Q-Forwarding is available with BellSouth Premium Metro Ethernet Connections at 2 Mbps, 4 Mbps and 8 Mbps, this feature is subject to technical limitations set forth in Technical Reference 73632 when used with these speed connections.

The Q-Forwarding Service Establishment Charge is a charge to provision a Premium Metro Ethernet Connection with the Q-Forwarding feature and identify it as an "aggregation" connection.

The Q-Forwarding Network Assignment Charge is a charge to provision each Metro Ethernet Customer Network to the Q-Forwarding "aggregation" connection. The Q-Forwarding Network Assignment Charge applies for each VLAN connected to the Q-Forwarding "aggregation" connection.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

## 7.2 Service Descriptions (Cont'd)

## 7.2.18 BellSouth Metro Ethernet Service (Cont'd)

(R) VLAN Aggregation is an optional feature available to customers with Virtual BellSouth Metro Ethernet Service. VLAN Aggregation provides VLAN aggregation across a common physical connection. This feature supports customer aggregation of traffic from multiple Metro Ethernet Customer Networks (referred to as VLANS) comprised of Virtual Connections. This aggregated traffic can be transported back to a central location and across a common Virtual Metro Ethernet Service Connection (referred to as the "aggregation" connection). VLAN Aggregation utilizes IEEE 802.1Q VLAN Tagging procedures.

While VLAN Aggregation is available with BellSouth Virtual Metro Ethernet Connections at 2 Mbps, 4 Mbps and 8 Mbps, this feature is subject to technical limitations set forth in Technical Reference 73632 when used with these speed connections.

The VLAN Aggregation "Service Establishment Charge" is a charge to provision a Virtual Metro Ethernet Connection with this feature and identify it as an "aggregation" connection.

The VLAN Aggregation "Network Assignment Charge" is a charge to provision each Virtual Ethernet Customer Network to the "aggregation" connection. The Network Assignment Charge applies for each VLAN connected to the "aggregation" connection.



## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions7.2.18 BellSouth Metro Ethernet Service

- (S) Customer Network Management (CNM) - Metro Ethernet Reporting is an optional feature available to customers with Premium or Virtual BellSouth Metro Ethernet Service. CNM - Metro Ethernet Management provides customers a view into their BellSouth Metro Ethernet Service network via the use of a web interface and security card.

Effective November 1, 2008, a security card will not be required for accessing CNM - Metro Ethernet Reporting. Security will be provided using a customer user identification code and password. New orders for a security card will not be accepted. Customers may continue to use their existing security cards but may not order new cards. (N)  
(N)  
(N)  
(N)  
(N)

CNM - Metro Ethernet Reporting provides alarm surveillance, service level agreement reporting and performance reporting for the various network components that comprise the customer's BellSouth Metro Ethernet Service network. This feature is only available to customers purchasing Premium or Virtual BellSouth Metro Ethernet Service.

Customers who subscribe to CNM - Metro Ethernet Reporting must monitor their entire BellSouth Metro Ethernet Network. The CNM - Metro Ethernet Reporting Charge is applicable for each Premium or Virtual Metro Ethernet Service Connection.

The CNM - Metro Ethernet Reporting Service Establishment Charge is a nonrecurring charge that applies to initially establish a new Metro Ethernet Service customer account. A customer with an existing CNM - Metro Ethernet Reporting customer account from another BellSouth jurisdiction may re-use that customer account.

All customers purchasing CNM - Metro Ethernet Reporting must have a web interface that will allow the customer to access and monitor their network via the web. Each web interface provides for one concurrent access. Additional concurrent accesses will require additional web interfaces. An initial web interface (Web Interface Charge - First) is provided with the initial establishment of a customer account. A monthly charge and a nonrecurring charge are applicable for each additional web interface requested for a customer account (Web Interface Charge - Each Additional).

A security card is required to access a web interface. Each security card can only be used for a single concurrent access and can be associated with only one web interface. A Security Card Charge will apply for the initial and additional cards requested and for the issuance of additional cards to replace lost, damaged or expired cards. A nonrecurring charge is applicable per security card requested.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.18 BellSouth Metro Ethernet Service

- (T) BellSouth Metro Ethernet Service Customer networks comprised of Premium Connections or Virtual Connections with CNM - Metro Ethernet Reporting are provided Service Level Agreements (SLAs) for the Telephone Company's repair and performance commitments for this service. Credits are provided for missed commitments on such service. The specific SLA commitments and credits applicable are set forth in Section 7.4.32(C) for Premium Connections and in Section 7.4.32(D) for Virtual Connections.
- (U) Subsequent to its initial installation, a customer may request to reconfigure or change a BellSouth Metro Ethernet Service Connection. The Service Reconfiguration Charge or System Reconfiguration Charge will be the nonrecurring charge applicable for such a request; the appropriate nonrecurring charge will be based upon the reconfiguration or change requested, as specifically described and set forth in Section 7.4.32.
- (V) For each Virtual BellSouth Metro Ethernet Connection the customer must decide the mix of applications that will be supported on that Connection, the CoS mix that Virtual Connection must support, and the percentage of bandwidth to be assigned for each CoS (i.e., build a CoS profile for each Virtual Connection). The customer's bandwidth will be limited to the fixed speed associated with each CoS level. Therefore, total bandwidth available to support transmission of a specific CoS will depend upon the size of the customer's Connection and the specific CoS percentage the customer selected for that Connection.

A customer may request a single CoS or up to four CoS to build the CoS Profile for a Virtual Connection. The customer determines the percentage bandwidth each CoS selected should be of the total Virtual Connection's bandwidth. The sum of the percentages for each CoS selected for a Virtual Connection must equal 100%. Additionally, the combined CoS bandwidth percentages selected in a customer's CoS Profile for Real-Time CoS plus Interactive CoS may not exceed 50%, except where the customer selects the 70% Real-Time CoS bandwidth percentage and has no Interactive traffic.

A customer may select different CoS profiles for different Virtual Connections that share the same network VLAN, or Virtual Connection network arrangement. However, technical limitations exist as discussed in TR-73632 that limit the total number of different CoS profiles that can be utilized in a single Virtual Connection network arrangement.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.18 BellSouth Metro Ethernet Service

(V) (Cont'd)

The CoS and percentage bandwidth selected for a Virtual Connection will define the applications that can be supported and its Quality of Service (QoS) attributes such as traffic priority, latency, packet loss rate, etc. QoS attributes are defined for each CoS. Each Virtual Connection will support Ethernet traffic representing one or more applications and CoS. Virtual Connections support the four following CoS:

- Real-Time<sup>1</sup>: This CoS supports VoIP applications. The Real-Time CoS is supported by a low latency queue. The Low Latency Queuing (LLQ) feature in the Ethernet network is used for support of the Real-Time CoS.
- Interactive<sup>1</sup>: This CoS supports interactive Video applications. The Interactive CoS is policed to a maximum bandwidth.
- Business Critical: This CoS supports mission-critical business data applications. These applications tend to be data specific and may include medical imaging, electronic funds transfer, medical records transfer, etc.
- Best Effort: This CoS is the default CoS for all other traffic that is not defined as Business Critical, Real-Time or Interactive. Traffic that does not match the other CoS will be mapped as Best Effort. Traffic with the Best Effort CoS will have the lowest priority on the network and will support lower priority data applications, such as email and file transfer protocol (FTP).

Each customer packet from a Virtual Connection will be classified and assigned to a specific CoS by methods identified in TR-73632.

Note 1: The combined CoS bandwidth percentages selected in a customer's Virtual Connection CoS profile for Real-Time CoS plus Interactive CoS may not exceed 50%, except where the customer selects the 70% Real-Time CoS bandwidth percentage and has no Interactive traffic.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions7.2.18 BellSouth Metro Ethernet Service

- (W) Automatic Protection Switching (APS) is an optional feature available, except as specified otherwise herein, to customers with a Basic, Premium or Virtual BellSouth Metro Ethernet Service Connection of 10 Mbps or higher<sup>1</sup>. The APS feature provides customers with the option of having data channel survivability through the use of a secondary transport path that is diverse from the path provided with their primary Metro Ethernet Connection. This secondary transport path (i.e., data channel) is provided for a specific Metro Ethernet Connection (i.e., the primary) with the selection of the APS feature which then provides the customer with complete path protection. (C)  
(C)

With APS, the primary Metro Ethernet Connection's data channel is monitored for threshold violations or path failures with a fail-over to the secondary data channel path provided via the APS feature. The APS data channel is checked periodically to ensure its availability if a failure of the primary Metro Ethernet Connection's data channel occurs.

APS may be ordered as a structurally diverse transport path (Structural Protection) or a route diverse transport path (Route Protection).

Structural Protection APS is defined as the APS facility and the primary Metro Ethernet Connection facility being in separate sheaths in separate structures located along the same route (e.g., underground/underground, buried/underground, aerial/underground, aerial/buried, buried/buried, and aerial/aerial), or along different routes at the Telephone Company's discretion.

Route Protection APS is defined as the APS facility being in a separate sheath within alternate underground, aerial or direct buried structures that are run along separate physical paths from the facilities associated with the primary Metro Ethernet Connection. No precise distance separation is specified between the paths; although the separation is sufficient to preclude one disruptive event from affecting both routes.

Note 1: Automatic Protection Switching (APS) is not available for a 2 Mbps, 4 Mbps or 8 Mbps Basic, Premium or Virtual Connection.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions

7.2.18 BellSouth Metro Ethernet Service

(W) Automatic Protection Switching (APS) (T)

The APS feature is billed based upon the actual total route miles in a customer's specific Structural Protection APS or Route Protection APS design as determined by the Telephone Company. The term "route miles" is defined for this application to be the actual physical distance or length (not airline mileage), rounded up to the next whole mile, of the unique APS facility designed for each individual customer premises. Total route miles are measured between the customer premises and its serving wire center, plus route miles between the serving wire center and any intermittent wire centers in the path designed to reach the BellSouth Metro Ethernet wire center associated with the primary Metro Ethernet Connection (i.e., the wire center where the BellSouth Metro Ethernet switching equipment is located). For situations where a BellSouth Metro Ethernet customer utilizes SMARTRing service, or BellSouth Wavelength Dedicated Ring service as an alternate means of transport, the route miles between the central office node location and the BellSouth Metro Ethernet Connection wire center for these services shall be included as part of the total "route miles" described above.

The APS rate element provides the alternate data channel transport and APS equipment in the BellSouth Metro Ethernet Service wire center associated with the primary Metro Ethernet Connection. Actual total route mileage for the customer's APS design is determined from a Service Inquiry. The route mileage determined from this Telephone Company Service Inquiry is used for billing purposes and is the sole determinant of such mileage (i.e., not subject to dispute).

(X) Core Trunk Automatic Failover (N)

Core Trunk Automatic Failover (CTAF) is an optional feature that provides customers with the option to have an Automatic Failover SLA on core trunk protection between Metro Ethernet core network wire centers within a Metro Ethernet metropolitan area. (N)  
(N)  
(N)  
(N)

CTAF is available for use with Basic, Premium and Virtual Metro Ethernet Arrangements and is available where facilities exist. (N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Description

7.2.18 BellSouth Metro Ethernet Service

(Y) Metro Ethernet Over BellSouth Wavelength Dedicated Ring Service (T)

Basic, Premium and Virtual BellSouth Metro Ethernet Service Connections of 100 Mbps and 1000 Mbps may alternatively be provided to a customer premises over a customer's BellSouth Wavelength Dedicated Ring Arrangement. The customer is required to purchase the appropriate BellSouth Wavelength Dedicated Ring Arrangement Wavelength Channel 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 Wavelength Channel associated with the 100 Mbps and 1000 Mbps BellSouth Metro Ethernet Connection.) (Y)

For such applications using BellSouth Wavelength Dedicated Ring Arrangement as alternate transport, the BellSouth Metro Ethernet Service Connection will provide data channel transport from 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) to the central office Node Location of the customer's BellSouth Wavelength Dedicated Ring Arrangement.

Metro Ethernet Service transported over Wavelength Dedicated Ring Service may not terminate into a collocation arrangement.

When the central office Node Location of the customer's Wavelength Dedicated Ring Arrangement is located greater than 10 miles from the BellSouth Metro Ethernet Service wire center, BellSouth Metro Ethernet Service Additional Mileage charges will also be applicable.

<u>Metro Ethernet Connection</u>	<u>Wavelength Dedicated Ring Arrangement Wavelength Channel</u>
Basic 100 Mbps	Fast Ethernet at 100 Mbps ME Backbone
Basic 1000 Mbps	Gigabit Ethernet at 1000 Mbps ME Backbone
Premium 10 Mbps, 20 Mbps and 50 Mbps-fixed and burst	Fast Ethernet at 100 Mbps ME Backbone
Premium 100 Mbps-fixed (provisioned via a physical 100 Mbps port)	Fast Ethernet at 100 Mbps ME Backbone
Premium 100 Mbps-fixed (provisioned via a physical 1000 Mbps port)	Gigabit Ethernet at 1000 Mbps ME Backbone
Premium 100 Mbps-burst	Gigabit Ethernet at 1000 Mbps ME Backbone
Premium 250 Mbps, 500 Mbps-fixed & burst, and 900 Mbps-fixed	Gigabit Ethernet at 1000 Mbps ME Backbone
Premium 1000 Mbps-fixed	Gigabit Ethernet at 1000 Mbps ME Backbone
Virtual 10 Mbps, 20 Mbps, 50 Mbps and 80 Mbps	Fast Ethernet at 100 Mbps ME Backbone
Virtual 100 Mbps (provisioned via physical 100 Mbps port)	Fast Ethernet at 100 Mbps ME Backbone
Virtual 100 Mbps (provisioned via a physical 1000 Mbps port)	Gigabit Ethernet at 1000 Mbps ME Backbone
Virtual 200 Mbps, 300 Mbps, 450 Mbps, 600 Mbps 750 Mbps, 900 Mbps and 1000 Mbps	Gigabit Ethernet at 1000 Mbps ME Backbone

(Y)

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.2 Service Descriptions7.2.18 BellSouth Metro Ethernet Service(Z) Metro Ethernet - Alternate Node Diversity (ME-AND)

(N)

ME-AND provides service to a single Customer location, using two Metro Ethernet Service Connections provided over separate transport paths that terminate into Metro Ethernet switches located in separate Telephone Company Central Offices. No more than two separate transport paths can be purchased to service any single Customer location. The two separate transport paths provided by ME-AND from the Customer's locations will terminate into separate Metro Ethernet switches in separate Central Offices, but such paths are not guaranteed to be physically diverse from each other along all or any particular portion of such paths. Each Metro Ethernet Service Connection in a ME-AND arrangement will be billed to the Customer as a separate Metro Ethernet Service Connection and will be subject to all applicable charges, including Metro Ethernet Service Connection and Additional Mileage charges, as specified in Section 7.5.22 of this Guidebook.

ME-AND does not provide separate transmission paths between two or more Customer locations. ME-AND is available for Basic, Premium and Virtual Metro Ethernet service types. The Metro Ethernet Service Connections purchased as parts of a ME-AND arrangement may be ordered either at the same connection speed or at different connection speeds. A Customer may order two or more ME-AND arrangements at the same location, but multiple ME-AND circuit pairs may not necessarily be routed diversely from each other. ME-AND is not available as part of Metro Ethernet Service ICO Trunk Connection arrangement.

The Telephone Company may at its discretion perform grooming of circuits or other network maintenance or configuration activities during the term of Customer's ME-AND arrangement, which could result in some or all Metro Ethernet connections to any particular Customer locations being served from the same Metro Ethernet switch. If this occurs, Customer may terminate the circuit that was originally routed to an alternate Ethernet switch without incurring termination liability. This will be the customer's sole remedy.

(N)

7.3 Reserved for Future Use

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.1 through 7.4.8 Reserved for Future Use

7.4.9 LightGate Service (a.k.a. BellSouth SPA Point to Point Network)

Rates and charges are specified in Section 7.5.9 for LightGate service (a.k.a. BellSouth SPA Point to Point Network). System rates provide system capacity and channel interfaces. Local channel systems include the transport common equipment, and first half air-mile of local channel facilities and additional lengths of local channel facilities. These rates are specified in 7.5.9(A)(3) following. Separate Alternate Facility Transport (SAFT), options for LightGate service (a.k.a. BellSouth SPA Point to Point Network), local channel system rates are offered at the rates specified in Sections 7.5.9(A)(3)(u), (aq) and (bc). These rates are in addition to local channel system rates. Interoffice channel system mileage rates and charges are as specified in Section 7.5.9(B)(5). (T)

DS1, DS3, STS-1, OC-3, OC-12, and/or OC-48 channel interfaces are required at both the customer's location and the serving wire center for synchronous LightGate service (a.k.a. BellSouth SPA point to Point Network) local channel systems, except at locations where a customer or serving wire center optical termination is provided. DS3 or STS-1 channel interfaces are not required in connection with the provision of DS1 channel interfaces at a system's termination location. LightGate services (a.k.a. BellSouth SPA Point to Point Network) channel interfaces are only offered in conjunction with a LightGate service (a.k.a. BellSouth SPA Point to Point Network) system. The resulting number of DS1, DS3, STS-1, OC-3, OC-12, and OC-48 channels provided by a system may not exceed the capacity of the system ordered. A minimum of four DS1, one DS3, one STS-1, one OC-3, OC-12, or OC-48 channel(s) is (are) required to maintain a system in service. (T)

LightGate service (a.k.a. BellSouth SPA Point to Point Network) OC-3, OC-12 or OC-48 channel interfaces are associated with optical circuits within a LightGate service (a.k.a. BellSouth SPA Point to Point Network) system. These optical circuits may be provisioned as concatenated. When an optical circuit is provisioned as concatenated, the multiple STS-1s within the optical circuit are provided as a single entity with a single overhead channel. When an optical circuit is provisioned as concatenated at the time the circuit is installed, there is no additional charge for provisioning it as concatenated. When an existing non-concatenated optical circuit is requested to be reconfigured as concatenated, a concatenation rearrangement charge shall apply. This rearrangement charge shall also apply when a request is made to convert an existing concatenated circuit to non-concatenated. This rearrangement charge is specified in Section 7.5.17 and is applied on a per circuit basis. (T)



## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.9 LightGate Service (a.k.a. BellSouth SPA Point to Point Network

LightGate OC-48 (a.k.a. BellSouth SPA Point to Point Network OC-48 Capacity), and OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 Capacity) service local channel systems require both a 28 DS1, STS-1 or OC-3 channel system channel interface and DS1 channel interfaces to derive DS1 channels. When a collocator desires to derive DS1's from a Virtual Access Cross Connect Service, Physical Access Cross Connect Service, Intra-Office Collocation Cross Connect Service, the customer is required to pay the charge for the 28 DS1 channel system channel interface in addition to the DS1 central office interfaces. In addition, OC-192 (a.k.a. BellSouth SPA Point to Point Network OC-192 Capacity) service local channel systems require both an OC-3, OC-12 or OC-48 Channel System and DS3 channel interfaces to derive DS3 channels.

STS-1, OC-3, OC-12, or OC-48 channels provided by interoffice channel systems must be combined with corresponding channels in local channel systems or may be a stand-alone link when connected with BellSouth Customer Network Management Service, SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring). STS-1, OC-3, OC-12 or OC-48 channel interfaces are required at each terminating central office location.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.9 LightGate Service (a.k.a. BellSouth SPA Point to Point Network)<sup>(1)</sup> (C)

LightGate service (a.k.a. BellSouth SPA Point to Point Network) is available at month-to-month rates, with a four month minimum service period for all associated rate elements. However, local channel systems with SAFT levels I or II reliability, have a 4-month minimum service period. Service is also available under a Transport Payment Plan (TPP), or Channel Services Payment Plans (CSPP) A, (24-48 Months), B (49-72 Months), or C (73-96 Months) as specified in Section 2.4.8, except as modified following:

- (A) All rate elements associated with a LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channel system or a interoffice channel system must be provided under the same TPP or CSPP arrangement; provided, however, that channel interfaces may be provided under a monthly rate arrangement which is greater than, equal to or less than the payment plan for the associated local channel or interoffice channel.
- (B) A termination liability charge will be applicable for LightGate service (a.k.a. BellSouth SPA Point to Point Network) rate elements provided under a CSPP arrangement that are disconnected prior to the end of the chosen service period. The termination liability charge is equal to the number of months remaining in the service period multiplied by 60% of the monthly rates for the rate elements disconnected. LightGate service (a.k.a. BellSouth SPA Point to Point Network) rate elements provided under a TPP arrangement that are disconnected prior to the end of the chosen service period will incur termination liability in accordance with Section 2.4.8. The following exceptions apply:
  - (1) No Termination Liability Charge will be applicable for a LightGate service (a.k.a. BellSouth SPA Point to Point Network) when the customer replaces an existing CSPP arrangement with a new TPP arrangement for the same or larger system(s) and all associated rate elements at the same location(s) for a service period equal to or greater than the time remaining on the existing CSPP arrangement. This provision also applies for conversions of asynchronous LightGate service (a.k.a. BellSouth SPA Point to Point Network) systems to larger synchronous LightGate service (a.k.a. BellSouth SPA Point to Point Network) systems at the same location(s) for a service period equal to or greater than the time remaining on the existing CSPP arrangement.

<sup>(1)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.9 LightGate Service (a.k.a. BellSouth SPA Point to Point Network)

## (B) (Cont'd)

- (2) A change of jurisdiction from interstate to intrastate LightGate service (a.k.a. BellSouth SPA Point to Point Network) constitutes a disconnection of service for which termination charges are applicable. However, if such LightGate service (a.k.a. BellSouth SPA Point to Point Network) continues between the same serving locations, and the customer enters into a new TPP or CSPP arrangement in the intrastate jurisdiction for the same or larger service capacity and associated rate elements for a service period equal to or greater than the service period remaining under the interstate TPP or CSPP arrangement, no interstate termination liability charge will be applicable.
  - (3) Should a LightGate service (a.k.a. BellSouth SPA Point to Point Network) be disconnected due to a Force Majeure, that is, an event such as a fire, flood, environmental pollution or other natural disaster or similar cause beyond the customer's control which causes such damage, destruction or danger that the customer is unable to conduct business operations there, at the option of the customer, the termination liability charge shall be determined in accordance with (B) above or the following:
    - The charge will be the difference between current month-to-month rates for all affected rate elements which are provided under CSPP terms and the applicable CSPP rates multiplied by the number of months that service has been provided. The minimum service period for LightGate service (a.k.a. BellSouth SPA Point to Point Network), stated previously will apply whenever service is disconnected after a shorter service interval. Additionally, replacement LightGate service (a.k.a. BellSouth SPA Point to Point Network) must be ordered and have the same or larger system within the same LATA for the same or longer CSPP commitment period as the remaining commitment period, and be ordered within 60 days of the disconnection of service. Nonrecurring charges will be applicable at the new service location.
- (C) Other access services that are connected to LightGate services (a.k.a. BellSouth SPA Point to Point Network) are not offered under LightGate service (a.k.a. BellSouth SPA Point to Point Network) TPP or CSPP terms. They are subject to the conditions applicable to such services.

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ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.9 LightGate Service (a.k.a. BellSouth SPA Point to Point Network)

LightGate (a.k.a. BellSouth SPA Point to Point Network) service links may be connected together, or links may be connected to BellSouth Customer Network Management Service, to SMARTRing (a.k.a. BellSouth SPA Dedicated Ring) service, or to Voice Grade (a.k.a. BellSouth SPA DSO VG) services through hubbing applications. Individual DS1, DS3, STS-1, OC-3, OC-12, and OC-48 channel link configurations may be installed, maintained, and disconnected as desired without affecting separate links.

A LightGate (a.k.a. BellSouth SPA Point to Point Network) service system is not required to have the same payment plan arrangement as other LightGate (a.k.a. BellSouth SPA Point to Point Network) service systems to which it is connected. However, when a DS1, DS3, STS-1, OC-3, OC-12, or OC-48 channel within a LightGate (a.k.a. BellSouth SPA Point to Point Network) service interoffice channel is combined as a single link with a DS1, DS3, STS-1, OC-3, OC-12, or OC-48 channel within a LightGate (a.k.a. BellSouth SPA Point to Point Network) service local channel, the LightGate (a.k.a. BellSouth SPA Point to Point Network) service interoffice channel system and associated interfaces must be obtained under the same payment plan arrangement as the LightGate (a.k.a. BellSouth SPA Point to Point Network) service local channel system, or under month-to-month rates as desired by the customer.

All LightGate (a.k.a. BellSouth SPA Point to Point Network) service local channel systems may be upgraded to a larger capacity LightGate (a.k.a. BellSouth SPA Point to Point Network) service local channel system without requirement to disconnect existing DS1, DS3, STS-1, OC-3, OC-12 and/or OC-48 channel services. DS1 channel interfaces in a LightGate 1 (a.k.a. BellSouth SPA Point to Point Network 1 DS3 Capacity) or 2 (a.k.a. BellSouth SPA Point to Point Network 3 DS3 Capacity) service local channel system must include the rates and charges for associated DS1 channel systems when upgraded to OC-12 (a.k.a. BellSouth SPA Point to Point Network OC-12 Capacity) or OC-48 (a.k.a. BellSouth SPA Point to Point Network OC-48 Capacity) service local channel systems. Upgrades of systems will incur a new four month minimum service period when ordered at month-to-month rates for upgraded rate elements. Upgraded systems provided with SAFT Levels I or II reliability incur a new 12 month minimum period. Upgraded systems provided under rate stabilized Channel Services Payment Plan rates and charges are subject to the terms preceding.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.9 LightGate Service (a.k.a. BellSouth SPA Point to Point Network)

Notwithstanding any other provision of this tariff to the contrary, Plan C rates will apply, beginning September 1, 1994, to all LightGate services (a.k.a. BellSouth SPA Point to Point Network) which, prior to September 1, 1994, have been obtained under a term period of at least 61 months and to all LightGate services (a.k.a. BellSouth SPA Point to Point Network) which are newly obtained, during the period from September 1, 1994 through April 1, 1995, under a term period of a least 61 months. The rates are subject to the conditions of Section 2.4.8(A)(1)(f). Termination liability will not apply for decreasing a commitment period to a term of 61 to 72 months during the period from September 1, 1994 through April 1, 1995. (D)

Synchronous LightGate service (a.k.a. BellSouth SPA Point to Point Network) systems with optical customer termination are available for new or service upgrade customer requests.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

## 7.4.10 Reserved For Future Use

7.4.11 Shared Network Arrangement

Rate elements which comprise a service arrangement within a shared network, e.g., local channels, interoffice channel(s), and appropriate channelization elements, must be billed to one customer.

Each customer entering into a Shared Network Arrangement is solely responsible to BellSouth Telecommunications for charges associated with that customer's portion of the shared network. Disconnection of service by the host subscriber does not relieve another user of the network of any obligation to pay access charges associated with the portion of the shared network to which that user subscribes. Billing for services and facilities will continue until a disconnect request from the service user has been received by BellSouth Telecommunications. The host subscriber is solely responsible for notifying the connecting service user in the event of disconnection of the host's service which affects that portion of the shared network service to which the user has subscribed. (T)

A one-time coordination charge will be assessed within BellSouth Telecommunications with the establishment of a Shared Network Arrangement. The host subscriber and the service user may, by mutual agreement, designate which party will be responsible for payment of the coordination charge. In the event no such agreement is reached, the charge will be applied to the host subscriber's account and the host subscriber will be responsible to BellSouth Telecommunications for payment of said charge. (T)

In addition to the coordination charge, a separate nonrecurring charge will apply to process each service order on a shared network account. Charges for coordination and service order processing are contained in Section 7.5 of this guidebook. (T)

Where the host subscriber and the connecting service user subscribe to services under Channel Services Payment Plan (CSPP) terms or Transport Payment Plan (TPP) terms, the payment periods for directly associated multiplexing rate elements must be the same, with the same termination date, or alternately, the connecting 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 service user must also receive directly associated multiplexing rate elements under month-to-month payment terms. Disconnection of a connecting service user's services under CSPP or TPP terms creates no associated termination or payment obligations for the host subscriber. However, disconnection of the host subscriber's services does create payment obligations for shared network service components as appropriate for the specific service.

ACCESS SERVICE

7 - Special Access (a.k.a BellSouth SPA) Service

7.4 Rate Conditions

7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service

(A) General

Effective May 16, 2008, a Security Card will not be required to access BellSouth CNM - FlexServ Service. Security will be provided using a customer user identification code and password. New orders for the Security Card will not be accepted. Customers may continue to use their existing Security Cards but may not order new cards.

BellSouth Customer Network Management Service is an optional feature that enables the customer to monitor and reconfigure his High Capacity (a.k.a BellSouth SPA High Capacity) services without the direct intervention of Telephone Company personnel.

(2) BellSouth SPA CNM - FlexServ Service

BellSouth SPA CNM - FlexServ Service includes surveillance (monitoring) and reconfiguration of the customer's Special Access (a.k.a BellSouth SPA) STS-1 services equipped with BellSouth SPA CNM - FlexServ Service. For SMARTRing services (a.k.a BellSouth SPA Dedicated Ring) equipped with BellSouth SPA CNM - FlexServ Service, customers may order only monitoring capability or both monitoring and reconfiguration capability as described in Section 7.4.12(A)(3). (T)

When the customer has accessed BellSouth SPA CNM - FlexServ Service, monitoring consists of unsolicited signals of major and minor facility alarms (carrier group alarms, bit error rate, bipolar violations, slip errors, errored seconds, out-of-frame alarms and invalid connections). (Invalid connections are connections between Special Access (a.k.a. BellSouth SPA) services with incompatible signals or between services without BellSouth SPA CNM - FlexServ Service. Customer requests for such connections will be denied). The Telephone Company shall not be responsible for service interruptions, troubles, loss of customer data, or any other losses resulting from attempted invalid connections.

Reconfiguration provides the customer with the ability to direct the Telephone Company to connect or disconnect the customer's Special Access (a.k.a. BellSouth SPA) services with BellSouth SPA CNM - FlexServ Service to or from each other at a central office or central offices where the customer has purchased BellSouth SPA CNM - FlexServ Service on those services. Such connections and disconnections may be performed immediately or at a future time prescribed by the customer and, except for Partitioning, are performed without direct intervention by Telephone Company personnel.

The customer is responsible for providing the terminal equipment required for access to BellSouth SPA CNM - FlexServ Service.

Different switching options for STS-1 channels may be available in the same central office. If customers desire more than one switching option in the same central office and facilities are available, a channel connection is required for each BellSouth SPA CNM - FlexServ Service switching option connected.

BellSouth SPA CNM - FlexServ Service is furnished only in locations where facilities exist.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service

(A) General

(3) Customer Circuits

There are two types of channel connections, which can be connected to BellSouth SPA CNM - FlexServ Service - STS-1 (51.84 Mbps) digital circuits and SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring).

STS-1 Channel Connections - There is one type of connection available for terminating a STS-1 circuit - VT1.5. The STS-1 connection will be switched at a VT1.5 level.

SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Channel Connections - BellSouth SPA CNM - FlexServ Service is available only with OC-1, OC-3 OC-3+, OC-12, OC-48, OC-48+ or OC-192+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring). (OC-1 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is only available in an overlay arrangement). There are two options available for SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) channel connections - Surveillance and Reconfiguration.



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7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service

(A) General

(3) Customer Circuits

Surveillance allows the customer to monitor the ring and retrieve performance monitoring data. Surveillance will be ordered on a per SMARTRing (a.k.a. BellSouth SPA Dedicated Ring) node basis. Customers who order Surveillance must order it for all nodes on the ring. Reconfiguration will allow the customer to reconfigure circuits associated with SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) channel interfaces. Reconfiguration must be ordered on a per SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Channel Interface basis. Customers who desire to only monitor their rings may order only Surveillance. However, customers who order Reconfiguration must already be subscribing to Surveillance or be ordering Surveillance coincident with Reconfiguration. Reconfiguration may not be ordered without Surveillance. Within each STS-1 group, all activated interfaces must be optioned the same (either all Surveillance only or all Surveillance and Reconfiguration).

BellSouth SPA CNM - FlexServ Service is available on the following SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Overlay Ring Arrangements: (S=Surveillance and R=Reconfiguration)

<u>OVERLAYING SMARTRing Service</u> (a.k.a. BellSouth SPA Dedicated Ring)	<u>HOST SMARTRing Service</u> (a.k.a. BellSouth SPA Dedicated Ring)		OC-12		OC-48		OC-48+		OC-192/OC-192+	
	S	R	S	R	S	R	S	R	S	R
OC-1	X	X	X	X	X	X	X	X	X	X
OC-3	X	X	X	X	X	X	X	X	X	X
OC-3+			X	X					X	X
OC-12			X	X					X	X
OC-48									X	X

On an Overlay Ring arrangement, Surveillance must be ordered for each node on both the host ring and the overlay ring.

For SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) customer's web access to Surveillance and/or Reconfiguration capabilities of their service, a Service Establishment Charge for new customer account setup in the Management Terminal Interface Database and a charge for Security Cards<sup>(1)</sup> as shown in 7.5.18(A) (1), (C) following, applies.

<sup>(1)</sup> The Security Card will not be available for new customer orders as set forth in 7.4.12(A) on Page 51.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service

(B) Application of Rates

Monthly rates and nonrecurring charges as specified in Section 7.5.18 (T)  
apply for BellSouth SPA CNM - FlexServ Service.

BellSouth SPA CNM - FlexServ Service is available under several payment plans: Month-to-Month (with a minimum of one month). Plan A (24-48 Months), Plan B (49-72 Months) or Plan C (73 to 96 Months). These plans are provided under conditions specified in the Channel Service Payment Plan (CSPP), Section 2.4.8(A), except as modified following: (T)

- 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, under the applicable CSPP rate multiplied by the difference in months between the time the service period under the CSPP has been in effect and the minimum service period multiplied by a factor. The factor is 50 percent for services provided under the CSPP that have been in effect twelve months or less, or 20 percent for services provided under the CSPP that have been in effect longer than twelve months.

- No charges apply for the conversion of existing SPA CNM - FlexServ Service under a month-to-month payment plan to a CSPP Arrangement.
- The CSPP selected for Surveillance must be equal to or less than the payment plan of the SMARTRing service (a.k.a. BellSouth SPA SPA Dedicated Ring). The CSPP selected for Reconfiguration must be equal to or less than the payment plan of the associated SMARTRing service (a.k.a. BellSouth SPA SPA Dedicated Ring) Channel Interface(s).

(1) BellSouth SPA CNM - FlexServ Service - Channel Connections

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

A STS-1 nonrecurring Connection Charge and a recurring monthly rate are required for each entrance and exit of a special access (a.k.a BellSouth SPA) channel to reconfiguration and monitoring capability.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service

(B) Application of Rates

(2) BellSouth SPA CNM - FlexServ Service - Channel Connections

A nonrecurring charge and a recurring monthly rate is applicable on a per node basis for SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Channel Connections - Surveillance. Surveillance must be ordered for all nodes on a customer's ring.

A recurring monthly rate is applicable for each SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Channel Connection - Reconfiguration. A nonrecurring charge is applicable only if a customer orders Reconfiguration subsequent to the initial order of Surveillance. The number of Reconfiguration channel connections the customer orders should equate to the number of SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) channel interfaces on which the customer desires to have reconfiguration capability. If the customer orders Reconfiguration coincident with Surveillance or orders Reconfiguration coincident with the installation of SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) channel inter-faces, a nonrecurring charge for the Reconfiguration element does not apply. The subsequent nonrecurring charge is applicable if a customer orders Surveillance and later decides to order Reconfiguration on existing SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) channel interfaces.

Charges for Channel Connections are contained in Section 7.5.18. (T)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.13 Reserved for Future Use

7.4.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

Monthly rates and charges, as specified in Section 7.5.14, apply for each SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring). (T)  
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 SPA Dedicated Ring) rides the customer's host SMARTRing service (a.k.a. BellSouth SPA 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-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. Rate categories for OC-1 SMARTRing service (a.k.a. BellSouth SPA 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 SPA 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 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.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

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 SPA 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 SPA 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 Section 7.2.11(A), 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.

(T)

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.14 Self-healing Rings(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

For Internodal Channels, charges apply as appropriate either for the same wire center area or contiguous serving wire center areas, as specified in 7.5 14(A) (4). Internodal Channel charges will not apply if the relevant SMARTRing nodes are all located within the same room. (C)

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.

When the customer orders an OC-1 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Overlay Ring Arrangement riding the customer's host OC-12, OC-48, or OC-48+ SMARTRing service (a.k.a. BellSouth SPA 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.

When the customer orders an OC-3 SMARTRing service (a.k.a. BellSouth SPA 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 SPA 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.

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 SPA 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.

When the customer orders an OC-3, OC-3+, OC-12 or OC-48 SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) service Overlay Ring Arrangement riding the customer's host OC-192 or OC-192+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring), recurring charges apply per OC-3, OC-3+, OC-12 or OC-48 Customer Node and/or OC-12 or OC-48 Central Office Node, in addition to the recurring and nonrecurring charges for associated Channel Interfaces. Nonrecurring charges only apply for month-to-month customers.

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.

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

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, OC-192 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.

SMARTRing service OC-3, OC-12 or OC-48 channel interfaces are associated with optical circuits within a SMARTRing service arrangement. These optical circuits may be provisioned as concatenated. When an optical circuit is provisioned as concatenated, the multiple STS-1s within the optical circuit are provided as a single entity with a single overhead channel. When an optical circuit is provisioned as concatenated at the time the circuit is installed, there is no additional charge for provisioning it as concatenated. When an existing non-concatenated optical circuit is requested to be reconfigured as concatenated, a concatenation rearrangement charge shall apply. This rearrangement charge shall also apply for existing concatenated circuits that are requested to be converted to non-concatenated.

SMARTRing service channel interfaces for OC-3, OC-12, OC-48 and OC-192<sup>1</sup> asymmetrical arrangements are associated with optical circuits within a SMARTRing service arrangement. These optical circuit asymmetrical channel interfaces are non-concatenated and may not be provisioned as concatenated.

Customers may request a C-Bit Parity framing format for a DS3 level circuit. If the request is made at the time the circuit is installed, there is no additional charge. When a request for C-Bit Parity framing format is made for an existing circuit, a nonrecurring charge will be applicable for rearranging the framing format on the circuit. This charge will also be applicable if a customer requests that the C-Bit Parity framing format be removed from a circuit. This charge is specified in Section 7.5.17 and is applied on a per circuit basis.

(T)

Note 1: OC-192 channel interfaces are available only in an asymmetrical arrangement (non-concatenated).

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7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing) Service (a.k.a. BellSouth SPA Dedicated Ring)

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.

A nonrecurring charge applies for SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Surveillance, one for each Customer Node and each Central Office Node, per SMARTRing service (a.k.a. BellSouth SPA 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 BellSouth Customer Network Management Service to an existing SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) as set forth in Section 7.2.11(A).

(T)

For the purposes of Cancellation Charge Percentages relating to a customer's canceling an order for 10 Mbps, 100Mbps or Fractional 1000 Mbps interfaces, the percentages associated with HICAP (a.k.a. BellSouth SPA High Capacity), as found in Section 5.4(B)(4)(e), shall be utilized.

(T)



## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.14 Self-healing Rings

- (A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)<sup>(2)</sup> (C)

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 charges are not applicable under TPP arrangements.

SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) purchased prior to August 23, 1996, is available under several CSPP arrangements: Plan A (24-48 Months), Plan B (49-72 Months) or Plan C (73-96 Months). Renewals of existing SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) or purchases of new SMARTRing service (a.k.a. BellSouth SPA 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 SPA Dedicated Ring) is available under several TPP arrangements: Plan A (12-36 Months), Plan B (37-60 Months) or Plan C (61-96 Months).<sup>(1)</sup> Month-to-month arrangements (with a minimum of four months) are available for SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring).

CSPP and TPP arrangements are provided under the terms and conditions specified in Section 2.4.8, except as modified following. For all payment plans, the following conditions apply:

- (1) SMARTRing service (a.k.a. BellSouth SPA 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.

All rate elements, for a given SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) (i.e., Local Channel, Alternate Central Office Channel, Internodal Channel, Interoffice Channel, Customer Node, and Central Office Node), 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 SPA Dedicated Ring). However, Channel Interfaces, except those utilized to interface an overlaying ring with its host ring, may be provided under a monthly rate arrangement which is greater than, equal to or less than the payment plan for the associated SMARTRing service (a.k.a. BellSouth SPA 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 SPA Dedicated Ring), at the current rates and charges.

- (1) All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.
- (2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

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7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

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.

- (2) The rates applicable to a month-to-month payment plan are subject to Telephone Company initiated charges.
- (3) As specified in Section 2.4.8(A), renewals of existing CSPP or new subscriptions to CSPP are not available for SMARTRing service after August 23, 1996.

Termination liability charges for SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) TPP customers are applicable as specified in Section 2.4.8(D).

(T)

- (4) 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.

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

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

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7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) (Cont'd)

- (a) the order for the upgraded SMARTRing service and the order for the disconnect of the existing SMARTRing service are received by the Telephone Company at the same time,
- (b) the new SMARTRing service is provided between the same customer and Central Office locations as the discontinued SMARTRing service,
- (c) the number of Channel Interfaces activated under the new capacity SMARTRing service is greater than the number of Channel Interfaces activated under the existing capacity SMARTRing service.
- (d) the expiration date of the new SMARTRing service payment plan is subsequent to the payment plan of the ring being discontinued.

(6) Customers may also upgrade existing SMARTRing service to a new SMARTRing service 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 and if the conditions set forth in (5) above are met.

(7) As specified in Section 2.4.8(A), renewals of existing CSPP or new subscriptions to CSPP are not available for SMARTRing service after August 23, 1996.

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(D)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(8) For conversions of LightGate service (a.k.a. BellSouth SPA Point to Point Network), BellSouth SPA Managed Shared Network Service or SMARTGate service (a.k.a. BellSouth SPA Managed Shared Ring Network) to OC-12, OC-48, OC-48+, OC-192 or OC-192+ SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) and for conversions of SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) to a higher capacity SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) arrangement, customers will be allowed to defer the start of SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) ring level billing when the new service arrangement is provided under the Transport Payment Plan, as described in Section 2.4.8. The period of deferred billing shall be based on the Telephone Company's estimation of the time required for conversion, up to a maximum of 60 days. This applies to orders for new service associated with conversions, as described above, or orders associated with a project for conversion that is pending completion, as of April 30, 2005. For orders associated with

(D)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(8) (Cont'd)

a project for conversion that is pending completion, the deferred start of ring level billing shall be accomplished via credits to the customer's bill. For upgrades, as described above, that are completed in less than 60 days, the deferred start of ring level billing shall be associated with the completion of the upgrade. Customer's SMARTRing service TPP arrangements shall begin after the deferral period and continue to completion, as described in Section 2.4.8, for the customers selected TPP commitment period. (D)

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 will be effective upon activation of the interface and is not available for deferred billing.

In case of a service outage associated with SMARTRing service ring level rate elements that have deferred billing, as described above, for new service associated with conversions or service associated with a project for conversion that is pending completion, a service outage credit will not apply.

For SMARTRing service configured with a Virtual Packet Ring(s), an individual VPR requires multiple (i.e., two or more) Basic Shared Ethernet LAN Access Links or Metro Ethernet Access Links.

A Virtual Packet Ring Rearrangement charge applies for the complete removal of a Virtual Packet Ring from a SMARTRing service. This charge does not apply to an increase or decrease in the size of a Virtual Packet Ring or to changes involving the addition or removal of individual nodes on the ring.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.15 through 7.4.25 Reserved for Future Use

7.4.26 Zone Pricing - Special Access (a.k.a. BellSouth SPA) Service

SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) and LightGate service (a.k.a. BellSouth SPA Point to Point Network) are organized into three pricing zones. The pricing zone assignments for each Telephone Company serving wire center is as specified in National Exchange Carrier Association, Inc. Tariff No. 4. (T)  
(T)

Special Access (a.k.a. BellSouth SPA) interoffice channels, which terminate in different zones will be billed the higher rate. When interoffice channels are provided by more than one telephone company; this Telephone Company's portion of that circuit will be billed in accordance with that company's tariff, pursuant to Section 2.4.7(C). Channelization rates will be determined by the location of the channelization arrangement. (T)

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.27 through 7.4.30 Reserved for Future Use

7.4.31 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service

Rates and charges as specified in Section 7.5.5 apply for SCVS and the HDVT (T) service. SCVS and HDVT are a fiber optic transport video service that interconnects two customer designated end point locations or a customer designated premises and a Telephone Company central office to provide one-way video service with associated audio.

Rate categories for SCVS include Local Channel, Interoffice Channel and Optional Features. Rate Categories for HDVT include Channel Termination, Interoffice Channel and Optional Features. Nonrecurring charges and recurring rates are applicable for each.

These rates and charges are only valid for locations where facilities exist. If new facilities must be constructed for SCVS or HDVT, special construction charges will apply.

(A) Channel Services Payment Plan

The Channel Services Payment Plan (CSPP) is provided under conditions specified in Part 3, Section 2.4.8 in this guidebook, except as modified following:

(1) Payment Plan Requirement

All rate elements, for SCVS or HDVT must be provided under the same payment plan with the same service period and are coterminous upon disconnect of that service, for example Local Channels and Interoffice Channels.

(2) Termination Liability

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 applicable charge is equal to the number of months remaining in the rate stabilized service period times 60% of monthly rates for SCVS or HDVT which include Local Channels and Interoffice Channels provided under the CSPP arrangement.

(3) Minimum Period

The minimum period for service under a CSPP is the minimum number of months for the plan period selected. (Example: the minimum period for Payment Plan A (24 to 48 months) is 24 months.)

(4) Moves

Early termination liability will not apply when a customer requests moves of SCVS or HDVT service from one premises end point to another end point in a different building within the same LATA provided the following conditions are met. These move conditions supersede the CSPP move conditions in Section 2.4.8.

(a) The customer must currently subscribe to a 36 month CSPP term or 60 month CSPP term at the existing location.

(b) The customer must have completed at least 15 months of the 36 month term or 18 months of the 60 month term.

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.31 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service(A) Channel Services Payment Plan (Cont'd)(4) Moves (Cont'd)

- (c) For service at the new location, the customer must subscribe to a new CSPP term that is greater than or equal to the remaining months in the existing term for service at the new location.
- (d) Nonrecurring installation charges will apply at the new location, where applicable.
- (e) The move from the original location must be completed within thirty (30) days of the original premises disconnect date contingent on availability of fiber from premises to premises.
- (f) Orders from the customer to disconnect the existing service and reestablish it at the new location must be placed by the customer and received by the Telephone Company at the same time.
- (g) Fiber, equipment and other required facilities must be available at the new location or special construction charges may apply.

(5) Upgrades

An increase in speed, when compared to the existing service, is considered an upgrade. During a customer's CSPP term, service upgrades may be made without termination charges. Existing SCVS customers may convert to a higher speed HDVT service. Existing analog video customers may convert to SCVS or the higher speed HDVT service. (C)

All of the following conditions must be met to upgrade service without incurring termination charges:

- (a) The customer must issue a disconnect order for the existing SCVS or analog video service and place a service order for the new higher speed video service at the same location such that there is no more than 60 days overlap between the two services. (C)
- (b) The same locations must be utilized for the new higher speed video service.
- (c) The customer must subscribe to a new CSPP term that is greater than or equal to the remaining months in the existing term for the lower speed service.
- (d) The existing video service must have been in service for a minimum period of 15 months for a 36 month term, or 18 months for a 60 month term.
- (e) Nonrecurring charges will apply where applicable.



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

Effective December 17, 2004, BellSouth Native Mode LAN Interconnection Service is being restructured in its entirety and being renamed BellSouth Metro Ethernet Service. Any BellSouth Native Mode LAN Interconnection Service in place as of this date shall be converted to the most comparable BellSouth Metro Ethernet Service with no change in payment plan selection as a result of such conversion.

(A) General

- (1) The minimum service period for BellSouth Metro Ethernet Service is four months.
- (2) Suspension of BellSouth Metro Ethernet Service is not allowed.
- (3) BellSouth Metro Ethernet Service is available 24 hours per day, 7 days per week, except for preventive maintenance.

Due to the nature of BellSouth Metro Ethernet Service it will be necessary to perform preventive maintenance and software updates. This will mean that BellSouth Metro Ethernet Service will be unavailable during the period of time when preventive maintenance is being performed. This could result in the service being unavailable during the period between 1:00 AM and 5:00 AM Eastern Time on the specific days as set forth by state in the following chart. However, the Telephone Company reserves the right to perform maintenance at any time at its discretion that it believes such maintenance is necessary. The Telephone Company will make a reasonable effort to provide notice to those customers likely to be affected by such maintenance work.

State	Scheduled Maintenance Days
Alabama	Sunday and Monday
Florida	Sunday and Wednesday
Georgia	Sunday and Friday
Kentucky	Sunday and Monday
Louisiana	Sunday and Tuesday
Mississippi	Sunday and Tuesday
North Carolina	Sunday and Saturday
South Carolina	Sunday and Saturday
Tennessee	Sunday and Thursday

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(A) General

(4) Obligations of customer and Telephone Company:

- (a) The Telephone Company is not responsible for the installation, operation or maintenance of any equipment provided by the customer.
- (b) The customer is responsible for the provision and maintenance of all customer provided equipment and to insure that the operating characteristics of this equipment is comparable with and does not interfere with the service offered by the Telephone Company.
- (c) At the BellSouth Metro Ethernet Service Connection point the customer's signals must conform to IEEE Standards 802.3, 802.3u or 802.3z. To meet end-to-end delay requirements contained in these aforementioned standards, the customer may be required to provide additional equipment.

- (5) While BellSouth Metro Ethernet Service transport facilities typically connect a customer premises with a BellSouth Metro Ethernet Service wire center, BellSouth Metro Ethernet Service may alternately be utilized with the appropriate Cross Connect elements in Section 13 of this Tariff to connect a customer's collocation service arrangement (as opposed to a customer premises) with a BellSouth Metro Ethernet Service wire center. Rates and charges for the BellSouth Metro Ethernet Service Connection are applicable for such connectivity; collocation service arrangements located greater than 10 miles from the BellSouth Metro Ethernet Service wire center will additionally require BellSouth Metro Ethernet Service Additional Mileage charges.

Additionally, a BellSouth Metro Ethernet Service Connection provided in association with a collocation arrangement may not be provisioned with Automatic Protection Switching.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service

## (A) General

- (6) In some cases, the Telephone Company and another Incumbent Local Exchange Company (ILEC) may agree to jointly provide a customer Metro Ethernet Service. The rates and charges for the BellSouth Metro Ethernet Service Connection are applicable for such connectivity; charges for BellSouth Metro Ethernet Additional Mileage are also applicable when the mileage from the BellSouth/ILEC meet-point to the BellSouth Metro Ethernet wire center associated with the service is over 10 miles. The Telephone Company is only responsible for the ordering, provisioning, maintaining and billing of such service up to the meet-point (i.e., demarcation point with the ILEC). BellSouth Metro Ethernet Service SLA credits shall only be applicable for the portion of the service provided within the territory of the Telephone Company; such credits are appropriate only for missed commitments determined to be the fault of the Telephone Company.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(A) General

- (7) BellSouth Metro Ethernet over LightGate Service (a.k.a. BellSouth SPA Point to Point) and SMARTRing Service (a.k.a. BellSouth SPA Dedicated Ring) Point-to-Point Terminations (N)  
(N)  
(N)

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 LightGate service or SMARTRing service.

The customer is required to purchase the appropriate LightGate service or SMARTRing service 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 LightGate service or SMARTRing service as alternate transport, the BellSouth Metro Ethernet Service Connection will provide data channel transport to connect the termination of the LightGate service or SMARTRing service 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 LightGate service or SMARTRing service central office node is located greater than 10 miles from the BellSouth Metro Ethernet Service wire center, BellSouth Metro Ethernet Service Additional Mileage charges will also be applicable.

Metro Ethernet Connections supported in a point to point arrangement on LightGate or SMARTRing service: (N)  
(N)

<b>Metro Ethernet Connection</b>	<b>Metro Ethernet Backbone Bandwidth</b>
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	100 Mbps (3 STS-1)
Premium 100, 250, 500, 900 Mbps	1000 Mbps
Virtual 10, 20, 50, 80 Mbps	100 Mbps (3 STS-1)
Virtual 100, 200, 300, 450, 600, 750, 900 Mbps	1000 Mbps

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(A) General

(7) (Cont'd)

For BellSouth Metro Ethernet Service Connections utilizing the customer's LightGate service (a.k.a. BellSouth SPA Point to Point Network) or SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) 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 (Burst)	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 900 Mbps (Fixed)	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

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions (N)7.4.32 BellSouth Metro Ethernet Service (N)(A) General (N)(7) BellSouth Metro Ethernet Service Transported on SMARTRing Service (N)  
(a.k.a. BellSouth SPA Dedicated Ring) Virtual Packet Ring using (N)  
Metro Ethernet Access Links (N)As of June 15, 2009, Metro Ethernet customers will be able to use (N)  
SMARTRing service as a transport facility and connect to the Basic (N)  
Shared Ethernet LAN service Virtual Packet Ring via Metro Ethernet (N)  
Access Links. (N)The Virtual Packet ring creates a dedicated allotment of synchronous (N)  
transmission signals (STS's) on the SMARTRing that are connected via (N)  
the Metro Ethernet Access Links. This combination of VPR and Access (N)  
Links with the Metro Ethernet circuit will create a multi-point (N)  
circuit on the SMARTRing service. All Metro Ethernet transmissions (N)  
will be broadcast to all Metro Ethernet Access Links associated with (N)  
the specific VPR. Metro Ethernet Access Links are considered Layer (N)  
1 ports on the SMARTRing and do not interact with Layer 2 (N)  
information transmitted by the Metro Ethernet switch, specifically (N)  
Class of Service, priority or 802.1q. This Metro Ethernet Layer 2 (N)  
information will pass through the Metro Ethernet Access Links to the (N)  
customer equipment. (N)The connection at the Central Office between Metro Ethernet and (N)  
SMARTRing is Optical. The mixing of Access Link traffic and Metro (N)  
Ethernet Access Link traffic on the same VPR is not supported. (N)Reconfiguration associated with Customer Network Management will not (N)  
be allowed on Metro Ethernet Access Links. (N)Connection of Metro Ethernet to Dedicated Internet Access (DIA) (N)  
service is limited to port-only when associated with Metro Ethernet (N)  
Access Links. (N)When the customer requests conversion of Access Links to Metro (N)  
Ethernet Access Links, an out of service condition will occur until (N)  
the conversion is complete and the service will not be available for (N)  
use during this time. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions (N)

7.4.32 BellSouth Metro Ethernet Service (N)

(A) General (N)

(7) BellSouth Metro Ethernet transported on SMARTRing Service (a.k.a. BellSouth SPA Dedicated Ring) Virtual Packet Ring using Metro Ethernet Access Links (N)  
(N)  
(N)

Metro Ethernet connections to SMARTRing Access Links are limited to (N)  
the following connections and speeds: (N)

Metro Ethernet Connection	SMARTRing Metro Ethernet Access Link Fractional 1000 Mbps at - Central Office	SMARTRing Metro Ethernet Access Link Fractional 1000 Mbps at - Customer Premises	(N) (N) (N) (N)
Basic 1000 Mbps	1000 Mbps	1000 Mbps	(N)
Premium 100 Mbps Optical (Fixed)	150 Mbps	150 Mbps	(N) (N)
Premium 250 Mbps (Fixed)	300 Mbps	300 Mbps	(N) (N)
Premium 500 Mbps (Fixed)	600 Mbps	600 Mbps	(N) (N)
Premium 100, 250, 500, 900 Mbps (Burst)	1000 Mbps	1000 Mbps	(N) (N)
Premium 900 Mbps, 1000 Mbps	1000 Mbps	1000 Mbps	(N)
Virtual Ethernet Service (VES) 100 Mbps	150 Mbps	150 Mbps	(N) (N)
VES 200 Mbps	300 Mbps	300 Mbps	(N)
VES 300 Mbps	300 Mbps	300 Mbps	(N)
VES 450 Mbps	450 Mbps	450 Mbps	(N)
VES 600 Mbps	600 Mbps	600 Mbps	(N)
VES 750, 900, 1000 Mbps	1000 Mbps	1000 Mbps	(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(B) Rate Categories and Conditions

(1) The following rate categories apply for BellSouth Metro Ethernet Service. Applicable rates and charges are provided in 7.5.22.

- (a) Basic BellSouth Metro Ethernet Service Connection
- (b) Premium BellSouth Metro Ethernet Service Connection
- (c) Virtual BellSouth Metro Ethernet Service Connection (D)
- (d) BellSouth Metro Ethernet Service Additional Mileage Charges (T)
- (e) Priority Plus Feature (T)
- (f) Q-Forwarding Feature (T)
- (g) VLAN Aggregation Feature (T)
- (h) CNM - Metro Ethernet Reporting Feature (T)
- (i) Class of Service (COS) Profile (T)
- (j) Automatic Protection Switching (APS) Feature (T)
- (k) Service Reconfiguration Charge (T)
- (l) System Reconfiguration Charge (T)
- (m) Core Trunk Automatic Failover (CTAF) Feature (T)

(2) BellSouth Metro Ethernet Service is available under month-to-month rates or under an optional term commitment plan as follows<sup>1</sup>.

A customer may elect to subscribe to either a BellSouth Fast Packet Services Savings Plan (FSP) as described in Section 2.4.8(F) which provides discounts off the Metro Ethernet Service month-to-month rates provided in 7.5.22.(A) and LightGate service (a.k.a. BellSouth SPA Point to Point Network) and SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Metro Ethernet Backbone interface month-to-month rates provided in 7.5.9(A) and 7.5.14(A), respectively, or a customer may elect to subscribe to the Transport Payment Plan (TPP) as described in Section 2.4.8(D) to receive the TPP rates provided in 7.5.22.(B)<sup>2</sup> for Metro Ethernet Service and in 7.5.9(A) and 7.5.14(A), respectively, for LightGate service and SMARTRing service Metro Ethernet Backbone interfaces.

<sup>1</sup> Customers with an existing BellSouth Premium Service Incentive Plan may receive such discounts on BellSouth Metro Ethernet Service in accordance with the conditions in 2.4.8.(G).

<sup>2</sup> Customers subscribing to a TPP may elect to receive further discounts under the BellSouth Transport Advantage Plan (TAP) provided in 2.4.8.(H).

(D)  
|  
(D)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(B) Rate Categories and Conditions

- (3) BellSouth Metro Ethernet Service Connections are provided utilizing various Ethernet equipment configurations referred to herein as "physical service types". The physical service type of each BellSouth Metro Ethernet Connection is provided in the chart in (5), following.
- (4) A hierarchy of the various BellSouth Metro Ethernet Service Connections by capability (i.e., basic, premium and virtual) and speed is provided in the chart in Section 7.4.32(B)(5). This chart provides a higher order of service ranking that is utilized to determine the appropriate nonrecurring charges for service reconfiguration requests. This ranking is also utilized to determine if termination liability is applicable for specific reconfiguration requests if the service is under a TPP term commitment. (T)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(B) Rate Categories and Conditions

(5) The following informational chart provides the physical service type of each BellSouth Metro Ethernet Connection and provides the other BellSouth Metro Ethernet Connections which are considered to be a higher order of service (BellSouth Metro Ethernet Service hierarchy).

Metro Ethernet Connection (Mbps)	Physical Service Type	Higher Order of Service (Mbps)
Basic 2	Basic 0	Basic 4,8,10,100,1000; Premium <sup>1</sup> 2,4,8,10,20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 2,4,8,10,20,50,80,100,200,300,450,600,750,900,1000
Basic 4	Basic 0	Basic 8,10,100,1000; Premium <sup>1</sup> 4,8,10,20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 4,8,10,20,50,80,100,200,300,450,600,750,900,1000
Basic 8	Basic 0	Basic 10,100,1000; Premium <sup>1</sup> 8,10,20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 8,10,20,50,80,100,200,300,450,600,750,900,1000
Basic 10	Basic I	Basic 100,1000; Premium <sup>1</sup> 10,20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 10,20,50,80,100,200,300,450,600,750,900,1000
Basic 100	Basic II	Basic 1000; Premium <sup>1</sup> 100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 80,100,200,300,450,600,750,900,1000
Basic 1000	Basic III	Premium <sup>1</sup> 500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 450,600,750,900,1000
Premium 2 <sup>2</sup>	Premium 0	Basic 100,1000; Premium <sup>1</sup> 4,8,10,20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 2,4,8,10,20,50,80,100,200,300,450,600,750,900,1000
Premium 4 <sup>2</sup>	Premium 0	Basic 100,1000; Premium <sup>1</sup> 8,10,20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 4,8,10,20,50,80,100,200,300,450,600,750,900,1000
Premium 8 <sup>2</sup>	Premium 0	Basic 100,1000; Premium <sup>1</sup> 10,20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 10,20,50,80,100,200,300,450,600,750,900,1000
Premium 10 <sup>1,3</sup>	Premium I	Basic 1000; Premium <sup>1</sup> 20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 10,20,50,80,100,200,300,450,600,750,900,1000
Premium 20 <sup>1,3</sup>	Premium I	Basic 1000; Premium <sup>1</sup> 50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 20,50,80,100,200,300,450,600,750,900,1000
Premium 50 <sup>1,3</sup>	Premium I	Premium <sup>1</sup> 100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 50,80,100,200,300,450,600,750,900,1000
Premium 100 <sup>2,3</sup>	Premium I	Premium <sup>1</sup> 250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 50,80,100,200,300,450,600,750,900,1000
Premium 10 <sup>2</sup>	Premium II	Basic 1000; Premium <sup>1</sup> 20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 10,20,50,80,100,200,300,450,600,750,900,1000
Premium 20 <sup>2</sup>	Premium II	Basic 1000; Premium <sup>1</sup> 50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 20,50,80,100,200,300,450,600,750,900,1000
Premium 50 <sup>2</sup>	Premium II	Premium <sup>1</sup> 100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 50,80,100,200,300,450,600,750,900,1000
Premium 100 <sup>1</sup>	Premium II	Premium <sup>1</sup> 250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 100,200,300,450,600,750,900,1000
Premium 250 <sup>1</sup>	Premium II	Premium <sup>1</sup> 500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 300,450,600,750,900,1000
Premium 500 <sup>1</sup>	Premium II	Premium 900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 450,600,750,900,1000
Premium 900 <sup>2</sup>	Premium II	Virtual 900,1000
Premium 1000 <sup>2</sup>	Premium II	Virtual 1000

(D)

Note in the above chart that the reference to Basic 1000 Mbps refers to Basic 1 Gbps.

(D)

<sup>1</sup> Fixed Mode or Burst Mode (if both available).

<sup>2</sup> Only available as Fixed Mode.

<sup>3</sup> Provisioned on a 100 Mbps Customer interface.

(D)

(T)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(B) Rate Categories and Conditions

(5) The following informational chart provides the physical service type of each BellSouth Metro Ethernet Connection and provides the other BellSouth Metro Ethernet Connections which are considered to be a higher order of service (BellSouth Metro Ethernet Service hierarchy).

Metro Ethernet Connection (Mbps)	Physical Service Type	Higher Order of Service (Mbps)
Virtual 2	Virtual 0	Basic 100,1000; Premium <sup>1</sup> 10,20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 4,8,10,20,50,80,100,200,300,450,600,750,900,1000
Virtual 4	Virtual 0	Basic 100,1000; Premium <sup>1</sup> 10,20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 8,10,20,50,80,100,200,300,450,600,750,900,1000
Virtual 8	Virtual 0	Basic 100,1000; Premium <sup>1</sup> 10,20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 10,20,50,80,100,200,300,450,600,750,900,1000
Virtual 10	Virtual I	Basic 1000; Premium <sup>1</sup> 20,50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 20,50,80,100,200,300,450,600,750,900,1000
Virtual 20	Virtual I	Basic 1000; Premium <sup>1</sup> 50,100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 50,80,100,200,300,450,600,750,900,1000
Virtual 50	Virtual I	Basic 1000; Premium <sup>1</sup> 100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 80,100,200,300,450,600,750,900,1000
Virtual 80	Virtual I	Basic 1000; Premium <sup>1</sup> 100,250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 100,200,300,450,600,750,900,1000
Virtual 100	Virtual II	Premium <sup>1</sup> 250,500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 200,300,450,600,750,900,1000
Virtual 200	Virtual II	Premium <sup>1</sup> 500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 300,450,600,750,900,1000
Virtual 300	Virtual II	Premium <sup>1</sup> 500,900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 450,600,750,900,1000
Virtual 450	Virtual II	Premium 900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 600,750,900,1000
Virtual 600	Virtual II	Premium 900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 750,900,1000
Virtual 750	Virtual II	Premium 900 <sup>2</sup> ,1000 <sup>2</sup> ; Virtual 900,1000
Virtual 900	Virtual II	None offered at this time
Virtual 1000	Virtual II	None offered at this time

Note in the above chart that the reference to Basic 1000 Mbps refers to Basic 1 Gbps.

(D)

<sup>1</sup> Fixed Mode or Burst Mode (if both available)

<sup>2</sup> Only available as Fixed Mode.

(D)  
|  
(D)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(B) Rate Categories and Conditions

- (6) A BellSouth Metro Ethernet reconfiguration nonrecurring charge is applicable for a customer request to reconfigure (rearrange) an existing BellSouth Metro Ethernet Connection. The appropriate reconfiguration charge is dependent upon the physical work required to fulfill the request and applies in lieu of other nonrecurring charges.

A Service Reconfiguration Charge is applicable for requests where the work required is a minor change that does not involve changing the physical service type. The Service Reconfiguration Charge is applicable for a request to change an existing connection to a different connection that is the same physical service type that is a lower order of service, is applicable for a request to change a Premium connection from fixed mode to burst mode (and vice versa) and is applicable for a request to change a Premium connection to add or delete the Priority Plus feature. The Service Reconfiguration Charge is also applicable for changing an existing Virtual connection CoS Profile.

A System Reconfiguration Charge is applicable for requests where the work required involves changing to a different physical service type or involves major support system changes. The System Reconfiguration Charge is applicable for requests to change an existing connection to a different connection that is a different physical service type that is a lower order of service, to change the network channel terminating equipment (NCTE) interface option from optical to electrical (or vice-versa), and to change the premises powering options from AC power to DC power (or vice-versa).

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(B) Rate Categories and Conditions

- (7) A Premium BellSouth Metro Ethernet Connection-Fixed Mode and Premium BellSouth Metro Ethernet Connection-Burst Mode of the same speed are considered to be the same order of service and same physical service type. A Service Reconfiguration Charge is applicable for a customer request to reconfigure a Premium BellSouth Metro Ethernet Connection from Fixed Mode to Burst Mode (at the same speed), or vice versa; this nonrecurring charge is in lieu of the nonrecurring charge for the new connection. Such a change is not treated as a disconnect and there will be no change in the minimum period requirements.

A Virtual BellSouth Metro Ethernet Connection request to modify its CoS Profile is not considered as a request to change the order of service or physical service type. A Service Reconfiguration Charge is applicable for such requests

- (8) Except as specified in Section 7.4.32(B)(7), a BellSouth Metro Ethernet Connection not shown as a higher order of service in the hierarchy chart in Section 7.4.32(B)(5) for a given BellSouth Metro Ethernet Connection is considered to be a lower order of service. A reconfiguration charge is applicable for a customer request to change an existing BellSouth Metro Ethernet Connection to a different BellSouth Metro Ethernet Connection that is a lower order of service; the appropriate reconfiguration charge is applicable in lieu of the standard nonrecurring charge for the lower order of service connection. A Service Reconfiguration Charge is applicable when the lower order of service connection is the same physical service type; a System Reconfiguration Charge is applicable when the lower order of service is a different physical service type. New minimum period requirements are established for the lower order of service connection. (T)

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(B) Rate Categories and Conditions

- (9) A System Reconfiguration Charge is applicable for a customer request to change the premises powering option (AC power to DC power) or NCTE signaling interface option (optical to electrical, or vice-versa) on an existing Metro Ethernet Connection. Such a change is not treated as a disconnect and there will be no change in the minimum period requirements.
- (10) A move of a Metro Ethernet Service will be as follows (in accordance with Section 7.4.5 and, if applicable, Section 2.4.8(D) (5)).

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half of the Connection nonrecurring charge. There will be no change in the minimum period requirements.

When the move is to a new location in a different building that is within the same serving wire center, the charge for the move will be the nonrecurring charge for the Metro Ethernet Connection. New minimum period requirements will be established.<sup>1</sup>

When the move is to a new location in a different building that is not in the same serving wire center, the request is treated as a discontinuance and start of service and all associated Metro Ethernet nonrecurring charges will apply. New minimum period requirements will be established.<sup>(1)</sup>

(11) Migration to AT&T Switched Ethernet Service<sup>SM</sup>

Customers subscribing to BellSouth Metro Ethernet Service may migrate to AT&T Switched Ethernet provided by the Telephone Company without incurring termination charges, subject to the following conditions:

- The new AT&T Switched Ethernet Service and the existing BellSouth Metro Ethernet Service must be billed to the same customer of record at the same customer locations.
- The customer's existing service must have been in place for at least 12 months.
- The minimum term for the new service must be at least 12 months and must be equal to or greater than the number of months remaining in the customer's existing Transport Payment Plan term.
- The speed (capacity/bandwidth) of the new service must be equal to or greater than that of the existing service.
- The customer must issue a disconnect order for the replaced BellSouth Metro Ethernet Service to be effective within 90 days after the AT&T Switched Ethernet Service installation date. The disconnect and new orders must be coordinated through the Telephone Company.
- If overlapping service is required, the period will be limited to not more than 90 days and billing will apply to both services during the time both services are available.

(N)  
(C)

(C)

<sup>(1)</sup> Such moves of Metro Ethernet Service with Automatic Protection Switching (APS) shall additionally incur the full nonrecurring charge for establishing the APS feature at the new premises (as a new APS design will be required). The APS monthly recurring charge may change as appropriate based upon the actual route mileage associated with the new premises' APS design.

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(B) Rate Categories and Conditions

- (12) Core Trunk Automatic Failover (CTAF) is an optional feature that is available where facilities exist for Basic, Premium and Virtual Metro Ethernet Arrangements. The CTAF feature provides customers with the option of receiving an SLA credit for outages on the data channel between Metro Ethernet wire centers within a Metro Ethernet core network area. Details on the SLA credit are provided in Section 7.4.32(E) (4).

(D)

If a customer's Metro Ethernet Connection communicates with only one other Metro Ethernet Connection, the CTAF feature is billed based upon the actual total airline miles in a customer's specific CTAF design, as determined by the Telephone Company. The term "airline miles" is defined for this application to be the airline distance or length rounded up to the next whole mile, of the unique CTAF facility designed for each individual customer's service configuration. Total airline miles are measured between the Metro Ethernet core network wire centers associated with the customer's service.

If a customer's Metro Ethernet Connection communicates with more than one other Metro Ethernet Connection, such as a Point-to-Multipoint or Multipoint-to-Multipoint network configuration, the CTAF feature is billed once on the Metro Ethernet Connection at the greater than 25 airlines miles up to 35 airline mile rate.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(C) Service Level Agreement for Premium BellSouth Metro Ethernet Service

Customer networks with Premium BellSouth Metro Ethernet Service and CNM - Metro Ethernet Reporting are provided Service Level Agreements (SLAs) as summarized herein Section 7.4.32(C). BellSouth Metro Ethernet Service SLAs outlined herein specify the Telephone Company's repair and performance commitments for CNM - Metro Ethernet Reporting customers with Premium Metro Ethernet Connections. Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632. (T)

In accordance with Section 7.4.32(C)(3)(c), credits are available for missed commitments to customers purchasing Premium BellSouth Metro Ethernet Service with the CNM - Metro Ethernet Reporting feature. Credits only apply for portions of service provided by the Telephone Company. (T)

The following service measurements will outline the service levels the Telephone Company will deliver to Metro Ethernet Reporting customers with Premium Metro Ethernet Connections:

Repair Commitment:

- BellSouth Metro Ethernet Service Time-to-Repair<sup>1</sup>

Network Service Level Commitments:

- BellSouth Metro Ethernet Service Core Network Availability
- BellSouth Metro Ethernet Service Core Network Latency

The Repair Commitment is measured on a per occurrence basis for each BellSouth Metro Ethernet Connection. A Fault Report is produced thru the Metro Ethernet Reporting system that aids identification of potential outage durations upon which credits may be requested.

The Network Service Level Commitments are measured on the monthly performance of the Metro Ethernet core network during a specific calendar month. An SLA Report is produced thru the CNM - Metro Ethernet Reporting system that provides details of missed Network Service Level Commitments upon which credits may be requested based upon a specific calendar month's performance results.

The Company's performance measurement data for the Repair Commitment and Network Service Level Commitments will be collected and calculated utilizing the Company's internal processes as set forth in BellSouth Technical Reference TR-73632. The Company's calculation of its performance shall be the sole determinate of the Company's obligation to provide a credit for a missed performance commitment.

Note 1: SLA not applicable if missed due to LightGate service (a.k.a. BellSouth SPA Point to Point Network) or SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) outage where BellSouth Metro Ethernet service is using LightGate service (a.k.a. BellSouth SPA Point to Point Network) or SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) as alternate transport.



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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(C) Service Level Agreement for Premium BellSouth Metro Ethernet Service<sup>1</sup>

(1) SLA Definitions

BellSouth Metro Ethernet Service Time to Repair

- BellSouth Metro Ethernet Service Time-To-Repair measures the outage duration on a customer's BellSouth Metro Ethernet Connection. This measure will require the customer to report the problem to the BellSouth repair center.
- The repair interval will start with the time the trouble ticket is created and end when the fault is re-mediated. The Service Level Commitment measurement will be based on each individual trouble ticket for a customer's connection. Time for scheduled maintenance windows (as set forth in 7.4.32(A)(3)) does not count towards SLA threshold.

BellSouth Metro Ethernet Service Network Availability

- BellSouth Metro Ethernet Service Network Availability measures the percentage of time during a calendar month that the customer's service is unavailable on the core network. The core network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not span more than one switch in the core network are not eligible for the Network Availability SLA, and one will not be provided.
- This Service Level Commitment will be calculated by measuring and summing the outage for each core network component used by the customer, divided by the total number of components, times the total service time for a particular calendar month. Excluded from the outage time and service time are scheduled maintenance windows (as set forth in 7.4.32(A)(3)) and time the network was unavailable due to circumstances outside the Telephone Company's control (as set forth in 7.4.32(C)(3)(b)).

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service(C) Service Level Agreement for Premium BellSouth Metro Ethernet Service<sup>1</sup>

## (1) SLA Definitions

BellSouth Metro Ethernet Service Network Latency

- BellSouth Metro Ethernet Service Network Latency measures average one-way delay in milliseconds within the core network. The core network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not span more than one switch in the core network are not eligible for the Network Latency SLA, and one will not be provided.
- This Service Level Commitment will be calculated by averaging the measured latency of simulated traffic within the Metro Ethernet Customer Network (i.e., between each pair of connections) during a calendar month.

## (2) The Telephone Company's Service Level Commitments for Premium BellSouth Metro Ethernet Service are as follows:

- BellSouth Metro Ethernet Service Time-To-Repair - 4 hours or less
- BellSouth Metro Ethernet Service Network Availability - 99.9% or higher
- BellSouth Metro Ethernet Service Network Latency - 55 milliseconds or less

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service(C) Service Level Agreement for Premium BellSouth Metro Ethernet Service<sup>1</sup>

## (3) SLA Restrictions

(a) The Telephone Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to BellSouth's commitment to meet Service Levels for BellSouth Metro Ethernet Service. The customer network design requirements are as follows:

- A customer must subscribe to the Metro Ethernet Premium Service with CNM - Metro Ethernet Reporting to receive credits for missed Service Level Commitments.
- Credits are not provided for partial month service.
- A customer's account must be current to receive a credit.

(b) SLA Credits do not apply when any stated objective is not met because the Telephone Company does not have control over the circumstances causing the objective to be missed. Situations over which the Telephone Company does not have control include, but are not limited to, the following:

- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,
- labor difficulties, governmental orders, civil commotions, acts of civil or military authority, embargoes, epidemics, declared National Emergencies, criminal actions against the Telephone Company, war, terrorist acts, riots, insurrections, fires, explosions, nuclear accidents, power blackouts, acts of God (including, but not limited to, earthquakes, floods or unusually severe weather) or other circumstances beyond the Telephone Company's control,
- the customer's premises equipment, and
- unavailability of the customer's facilities and/or equipment including customer-provided power and environmental conditions for BellSouth-owned and operated equipment located on the customer's premises.

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(C) Service Level Agreement for Premium BellSouth Metro Ethernet Service<sup>1</sup>

(3) SLA Restrictions

- (c) The Customer must request a credit within one month of the Telephone Company missing a BellSouth Metro Ethernet Service Level Commitment. A customer request for a Network Service Level SLA credit must be submitted on a standard request form issued by the Telephone Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the observed measurement of the specific SLA that was missed. A customer request for a Repair SLA credit must be submitted on a standard request form issued by the Telephone Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the trouble ticket number of the repair request.

The Telephone Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Telephone Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their BellSouth Sales Representative.

SLA credits will be provided to the customer if the Company determines that the Telephone Company had control over the circumstances causing the failure.

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ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service(C) Service Level Agreement for Premium BellSouth Metro Ethernet Service<sup>1</sup>

## (3) SLA Credits for Premium Connections with CNM - Metro Ethernet Reporting

The following credits will apply when the Telephone Company misses a Service Level Commitment (each credit is described in (a) thru (c) following):

.BellSouth Metro Ethernet Service Time-To-Repair:

- 0 to 4 hours per incident: No Credit
- Over 4 hours to 24 hours per incident: A credit equal to 3/30 of the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection
- Each additional 24-hour period, per incident: Credit an additional amount equal to 3/30 of the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection

.BellSouth Metro Ethernet Service Network Availability: A credit equal to 3/30 of the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection

.BellSouth Metro Ethernet Service Network Latency: A credit equal to 3/30 of the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

Note 2: Specifically, rate elements for the Metro Ethernet Connection, Additional Mileage and Features.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service(C) Service Level Agreement for Premium BellSouth Metro Ethernet Service<sup>1</sup>

## (4) SLA Credits for CNM - Metro Ethernet Reporting (Cont'd)

The SLA credit amount will be determined by applying the credits outlined preceding to the rate elements or total billed revenues specified following.

The total credits issued for all SLAs for a specific BellSouth Metro Ethernet Service Connection during a single bill period may not exceed the total monthly recurring charges billed for all the rate elements associated with that BellSouth Metro Ethernet Service Connection. Credits are not provided for partial month service.

- (a) BellSouth Metro Ethernet Service Time-To-Repair Credit - The Service Level Commitment measurement will be based on each individual trouble ticket for a customer's connection. Multiple trouble tickets on the same day for the same customer connection will only be eligible for one time-to-repair credit. The SLA credit will apply to the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection.
- (b) BellSouth Metro Ethernet Service Network Availability Credit<sup>3</sup> - The Service Level Commitment measurement will be based on a specific calendar month's performance. The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the availability commitment. The SLA credit will apply to the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection.
- (c) BellSouth Metro Ethernet Service Latency Credit<sup>3</sup> - The Service Level Commitment measurement will be based on a specific calendar month's performance. The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the latency commitment. The SLA credit will apply to the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection.

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

Note 2: Specifically, rate elements for the Metro Ethernet Connection, Additional Mileage and Features.

Note 3: BellSouth Metro Ethernet networks that do not span more than one switch in the core network are not eligible for credits under this SLA.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(D) Service Level Agreement for Virtual BellSouth Metro Ethernet Service

Customer networks with Virtual BellSouth Metro Ethernet Service and CNM - Metro Ethernet Reporting are provided Service Level Agreements (SLAs) as summarized herein Section 7.4.32(D). BellSouth Metro Ethernet Service SLAs outlined herein specify the Telephone Company's repair and performance commitments for Metro Ethernet Reporting customers with Virtual Metro Ethernet Connections. SLAs will be applied on a per Class of Service (CoS) basis for Virtual Connections; traffic representing the different CoS (i.e., Best Effort, Business Critical, Real-Time and Interactive) transported across the same Virtual Connection will have different SLAs. Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632. (T)

In accordance with Section 7.4.32(D)(3)(c), credits are available for missed commitments to customers purchasing Virtual BellSouth Metro Ethernet Service with the CNM - Metro Ethernet Reporting feature. Credits only apply for portions of service provided by the Telephone Company. (T)

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service

## (D) Service Level Agreement for Virtual BellSouth Metro Ethernet Service

The following service measurements will outline the service levels the Telephone Company will deliver to CNM - Metro Ethernet Reporting customers with Virtual Metro Ethernet Connections:

Repair Commitment:

- BellSouth Metro Ethernet Service Time-to-Repair<sup>1</sup>

Network Service Level Commitments:

- BellSouth Metro Ethernet Service Core Network Availability
- BellSouth Metro Ethernet Service Core Network Latency<sup>2</sup>
- BellSouth Metro Ethernet Service Core Network Jitter<sup>2,3</sup>
- BellSouth Metro Ethernet Service Core Network Packet Delivery<sup>1</sup>

The Repair Commitment is measured on a per occurrence basis for each BellSouth Metro Ethernet Connection for all CoS. A Fault Report is produced thru the Metro Ethernet Reporting system that aids identification of potential outage durations upon which credits may be requested.

The Network Service Level Commitments are measured on the monthly performance of the Metro Ethernet core network during a specific calendar month by CoS. An SLA Report is produced thru the Metro Ethernet Reporting system that provides details of missed Network Service Level Commitments by CoS upon which credits may be requested based upon a specific calendar month's performance results.

Note 1: SLA not applicable if missed due to LightGate service (a.k.a. BellSouth SPA Point to Point Network) or SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) outage where BellSouth Metro Ethernet service is using LightGate service (a.k.a. BellSouth SPA Point to Point Network) or SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) as alternate transport.

Note 2: SLA not applicable for Best Effort CoS.

Note 3: SLA not applicable for Business Critical CoS.



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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(D) Service Level Agreement for Virtual BellSouth Metro Ethernet Service<sup>1</sup>

The Company's performance measurement data for the Repair Commitment and Network Service Level Commitments will be collected and calculated utilizing the Company's internal processes as set forth in BellSouth Technical Reference TR-73632. The Company's calculation of its performance shall be the sole determinate of the Company's obligation to provide a credit for a missed performance commitment.

(1) SLA Definitions

BellSouth Metro Ethernet Service Time to Repair

- BellSouth Metro Ethernet Service Time-To-Repair measures the outage duration on a customer's BellSouth Metro Ethernet Connection for all CoS. This measure will require the customer to report the problem to the BellSouth repair center.
- The repair interval will start with the time the trouble ticket is created and end when the fault is re-mediated. The Service Level Commitment measurement will be based on each individual trouble ticket for a customer's connection. Time for scheduled maintenance windows (as set forth in 7.4.32(A)(3)) does not count towards SLA threshold.

BellSouth Metro Ethernet Service Network Availability

- BellSouth Metro Ethernet Service Network Availability measures the percentage of time by CoS during a calendar month that the customer's service is unavailable on the core network. The core network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not span more than one switch in the core network are not eligible for the Network Availability SLA, and one will not be provided.
- This Service Level Commitment will be calculated by CoS by measuring and summing the outage for each core network component used by the customer, divided by the total number of components, times the total service time for a particular calendar month. Excluded from the outage time and service time are scheduled maintenance windows (as set forth in 7.4.32(A)(3)) and time the network was unavailable due to circumstances outside the Telephone Company's control (as set forth in 7.4.32(D)(3)(b)).

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

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ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service(D) Service Level Agreement for Virtual BellSouth Metro Ethernet Service<sup>1</sup>

## (1) SLA Definitions

BellSouth Metro Ethernet Service Network Latency

- BellSouth Metro Ethernet Service Network Latency measures average one-way delay in milliseconds within the core network. The core network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not span more than one switch in the core network are not eligible for the Network Latency SLA, and one will not be provided.
- This Service Level Commitment will be calculated for each CoS (except the Best Effort CoS) by averaging the measured latency of simulated traffic for each eligible CoS within the Metro Ethernet Customer Network (i.e., between each pair of connections) during a calendar month.

BellSouth Metro Ethernet Service Jitter

- BellSouth Metro Ethernet Service Jitter measures the average variability, measured in time (milliseconds) between the actual packet transmission rate and the expected packet transmission rate within the core network for Interactive and Real-Time CoS. The core network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end.
- This Service Level Commitment will be calculated for the Interactive CoS and Real-Time CoS by averaging the measured jitter of simulated traffic for each of the customer's eligible CoS queue within the Metro Ethernet Customer Network (i.e., between each pair of connections) during a calendar month.

BellSouth Metro Ethernet Service Packet Delivery

- BellSouth Metro Ethernet Service Network Packet Delivery measures the percentage of packets conforming to the committed bandwidth profile that are delivered across the core network, without being dropped or lost as a result of a fault within the Virtual Ethernet network. The core network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end.
- This Service Level Commitment will be calculated for each CoS (except the Best Effort CoS) by averaging the measured packet delivery of simulated traffic for eligible CoS within the Metro Ethernet Customer Network (i.e., between each pair of connections) during a calendar month.

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(D) Service Level Agreement for Virtual BellSouth Metro Ethernet Service<sup>1</sup>

(2) The Telephone Company's Service Level Commitments for Virtual BellSouth Metro Ethernet Service are as follows:

- Time-To-Repair
  - . Best Effort CoS: 4 hours or less
  - . Business Critical CoS: 4 hours or less
  - . Interactive CoS: 4 hours or less
  - . Real-Time CoS: 4 hours or less
  
- Network Availability
  - . Best Effort CoS: 99.500% or greater
  - . Business Critical CoS: 99.995% or greater
  - . Interactive CoS: 99.995% or greater
  - . Real-Time CoS: 99.995% or greater
  
- Latency (one-way)
  - . Best Effort CoS: Not Applicable
  - . Business Critical CoS: 15 milliseconds or less
  - . Interactive CoS: 5 milliseconds or less
  - . Real-Time CoS: 5 milliseconds or less
  
- Jitter
  - . Best Effort CoS: Not Applicable
  - . Business Critical CoS: Not Applicable
  - . Interactive CoS: 1 millisecond or less
  - . Real-Time CoS: 1 millisecond or less
  
- Packet Delivery
  - . Best Effort CoS: Not Applicable
  - . Business Critical CoS: 99.900% or greater
  - . Interactive CoS: 99.950% or greater
  - . Real-Time CoS: 99.995% or greater

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service(D) Service Level Agreement for Virtual BellSouth Metro Ethernet Service<sup>1</sup>

## (3) SLA Restrictions

- (a) The Telephone Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to BellSouth's commitment to meet Service Levels for BellSouth Metro Ethernet Service. The customer network design requirements are as follows:
- A customer must subscribe to the Metro Ethernet Virtual Service with CNM - Metro Ethernet Reporting to receive credits for missed Service Level Commitments.
  - Credits are not provided for partial month service.
  - A customer's account must be current to receive a credit.
- (b) SLA Credits do not apply when any stated objective is not met because the Telephone Company does not have control over the circumstances causing the objective to be missed. Situations over which the Telephone Company does not have control include, but are not limited to, the following:
- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,
  - labor difficulties, governmental orders, civil commotions, acts of civil or military authority, embargoes, epidemics, declared National Emergencies, criminal actions against the Telephone Company, war, terrorist acts, riots, insurrections, fires, explosions, nuclear accidents, power blackouts, acts of God (including, but not limited to, earthquakes, floods or unusually severe weather) or other circumstances beyond the Telephone Company's control,
  - the customer's premises equipment, and
  - unavailability of the customer's facilities and/or equipment including customer-provided power and environmental conditions for BellSouth-owned and operated equipment located on the customer's premises.

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service(D) Service Level Agreement for Virtual BellSouth Metro Ethernet Service<sup>1</sup>

## (3) SLA Restrictions

- (c) The Customer must request a credit within one month of the Telephone Company missing a BellSouth Metro Ethernet Service Level Commitment. A customer request for a Network Service Level SLA credit must be submitted on a standard request form issued by the Telephone Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the observed measurement of the specific SLA that was missed. A customer request for a Repair SLA credit must be submitted on a standard request form issued by the Telephone Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the trouble ticket number of the repair request.

The Telephone Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Telephone Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their BellSouth Sales Representative.

SLA credits will be provided to the customer if the Company determines that the Telephone Company had control over the circumstances causing the failure.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service(D) Service Level Agreement for Virtual BellSouth Metro Ethernet Service<sup>1</sup>

## (4) SLA Credits for Virtual Connections with CNM - Metro Ethernet Reporting

The following credits will apply when the Telephone Company misses a Service Level Commitment on any single CoS (each credit is described in (a) thru (e) following). A maximum of one credit will be applied monthly per Connection for an SLA not met for any CoS that is supported by the customer's CoS profile (i.e., a maximum of one credit is applicable for an SLA even if missed for multiple CoS).

.BellSouth Metro Ethernet Service Time-To-Repair:

- 0 to 4 hours per incident: No Credit
- Over 4 hours to 24 hours per incident: A credit equal to 3/30 of the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection
- Each additional 24-hour period, per incident: Credit an additional amount equal to 3/30 of the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection

.BellSouth Metro Ethernet Service Network Availability: A credit equal to 3/30 of the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection

.BellSouth Metro Ethernet Service Network Latency: A credit equal to 3/30 of the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection

.BellSouth Metro Ethernet Service Jitter: A credit equal to 3/30 of the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection

.BellSouth Metro Ethernet Service Packet Delivery: A credit equal to 3/30 of the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

Note 2: Specifically, rate elements for the Metro Ethernet Connection, Additional Mileage and Features.

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions7.4.32 BellSouth Metro Ethernet Service(D) Service Level Agreement for Virtual BellSouth Metro Ethernet Service<sup>1</sup>

## (4) SLA Credits for Virtual Connections with CNM - Metro Ethernet Reporting

The SLA credit amount will be determined by applying the credits outlined preceding to the rate elements or total billed revenues specified following.

The total credits issued for all SLAs for a specific BellSouth Metro Ethernet Service Connection during a single bill period may not exceed the total monthly recurring charges billed for all the rate elements associated with that BellSouth Metro Ethernet Service Connection. Credits are not provided for partial month service.

- (a) BellSouth Metro Ethernet Service Time-To-Repair Credit - The Service Level Commitment measurement will be based on each individual trouble ticket for a customer's connection. Multiple trouble tickets on the same day for the same customer connection will only be eligible for one time-to-repair credit. The SLA credit will apply to the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection.
- (b) BellSouth Metro Ethernet Service Network Availability Credit<sup>3</sup> - The Service Level Commitment measurement will be based on a specific calendar month's performance. The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the availability commitment. The SLA credit will apply to the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection.
- (c) BellSouth Metro Ethernet Service Latency Credit<sup>3</sup> - The Service Level Commitment measurement will be based on a specific calendar month's performance. The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the latency Commitment for any eligible CoS. The SLA credit will apply to the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection.

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

Note 2: Specifically, rate elements for the Metro Ethernet Connection, Additional Mileage and Features.

Note 3: BellSouth Metro Ethernet networks that do not span more than one switch in the core network are not eligible for credits under this SLA.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions

7.4.32 BellSouth Metro Ethernet Service

(D) Service Level Agreement for Virtual BellSouth Metro Ethernet Service<sup>1</sup>

- (4) SLA Credits for Virtual Connections with CNM - Metro Ethernet Reporting
- (d) BellSouth Metro Ethernet Service Jitter Credit<sup>3</sup> - The Service Level Commitment measurement will be based on a specific calendar month's performance. The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the jitter Commitment for any eligible CoS. The SLA credit will apply to the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection.
  - (e) BellSouth Metro Ethernet Service Packet Delivery Credit<sup>3</sup> - The Service Level Commitment measurement will be based on a specific calendar month's performance. The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the packet delivery commitment for any eligible CoS. The SLA credit will apply to the monthly recurring charges for all the rate elements<sup>2</sup> associated with the affected Metro Ethernet Connection.

Note 1: Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

Note 2: Specifically, rate elements for the Metro Ethernet Connection, Additional Mileage and Features.

Note 3: BellSouth Metro Ethernet networks that do not span more than one switch in the core network are not eligible for credits under this SLA.



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions (N)

7.4.32 BellSouth Metro Ethernet Service (N)

(E) Service Level Agreement for Core Trunk Automatic Failover (N)

(4) SLA Credits for Core Trunk Automatic Failover (N)

(a) For service outages greater than 30 seconds within a Metro Ethernet core network associated with a metropolitan area in which core trunk protection has been deployed, and where the customer has subscribed to the Core Trunk Automatic Failover optional feature for Basic, Premium or Virtual Metro Ethernet Arrangements, a service outage credit equal to 50% of the monthly recurring charge for a Metro Ethernet Connection associated with the Core Trunk Automatic Failover optional feature shall apply. Only one such credit shall apply per bill period. This credit is independent from any other Metro Ethernet Service SLA credit, i.e., the other Metro Ethernet Service Network SLA credits are based on the parameters for the respective SLA(s) and do not relate nor apply in combination with the Core Trunk Automatic Failover SLA credit. (N)

(b) SLA Restrictions (N)

The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to BellSouth's commitment to meet Service Levels for Metro Ethernet Service. The customer network design requirements are as follows: (N)

- Credits are not provided for partial month service. (N)
- A customer's account must be current to receive a credit. (N)

SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control include, but are not limited to, the following: (N)

- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service, (N)
- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control, (N)
- the customer's premises equipment, and (N)
- unavailability of the customer's facilities and/or equipment including customer-provided power and environmental conditions for BellSouth-owned and operated equipment located on the customer's premise. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.4 Rate Conditions (N)

7.4.32 BellSouth Metro Ethernet Service (N)

(E) Service Level Agreement for Core Trunk Automatic Failover (N)

(4) SLA Credits for Core Trunk Automatic Failover (N)

(b) SLA Restrictions (Cont'd) (N)

The customer must request a credit within one calendar month of the Company missing a Metro Ethernet Service Level Commitment. A customer request for a Network Service Level SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the observed measurement of the specific SLA that was missed. A customer request for a Repair SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the trouble ticket number of the repair request. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their BellSouth Sales Representative. SLA credits will be provided to the customer if the Company determines that the Company had control over the circumstances causing the failure. (N)

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.1 through 7.5.4 Reserved for Future Use

7.5.5 Video Services

7.5.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service

7.5.5.1.1 Rates and Charges

ALL STATES

(1) Serial Component Video Service (SCVS)

	Non-recurring Charges <sup>(2)</sup>	Month to Month Rates	Channel Services Payment Plan Monthly Rates			USOC
			Plan A 24-48 Months	Plan B 49-72 Months	Plan C 73-96 Months	
(A) Local Channel, each						
(1) SCVS Transmit	\$350.00	\$450.00	\$360.00 <sup>1</sup>	\$324.00 <sup>1</sup>	\$306.00 <sup>1</sup>	TMEST
(2) SCVS Receive	\$350.00	\$450.00	\$360.00 <sup>1</sup>	\$324.00 <sup>1</sup>	\$306.00 <sup>1</sup>	TMESR
(B) Interoffice Channel, each						
(1) SCVS 1-20 miles						
-Fixed	\$175.00	\$200.00	\$180.00 <sup>1</sup>	\$170.00 <sup>1</sup>	\$153.00 <sup>1</sup>	1L5F3
-Per Airline mile or fraction thereof	NA	\$60.00	\$54.00 <sup>1</sup>	\$51.00 <sup>1</sup>	\$46.00 <sup>1</sup>	1L5A3
(2) SCVS Over 20 miles						
-Fixed	\$330.00	\$200.00	\$180.00 <sup>1</sup>	\$170.00 <sup>1</sup>	\$153.00 <sup>1</sup>	1L5F4
-Per Airline mile or fraction thereof	NA	\$70.00	\$63.00 <sup>1</sup>	\$60.00 <sup>1</sup>	\$54.00 <sup>1</sup>	1L5A4
(C) Optional Features and Functions						
(1) Optical, Wavelength and Ethernet Handoff Options and Interfaces						(C)
-OC-3 Handoff	\$700.00 <sup>2</sup>	\$750.00	\$560.00	\$275.00	\$250.00	VOHO3
-OC-12 Handoff	\$700.00 <sup>2</sup>	\$1,675.00	\$1,250.00	\$625.00	\$550.00	VOH12
-OC-48 Handoff	\$700.00 <sup>2</sup>	\$1,675.00	\$1,250.00	\$625.00	\$550.00	VOF4X (N)
-2.5 Gbps Ethernet/Wavelength Handoff	\$700.00 <sup>2</sup>	\$1,675.00	\$1,250.00	\$625.00	\$550.00	VOFAX (N)
-10 Gbps Ethernet Handoff	\$700.00 <sup>2</sup>	\$1,675.00	\$1,250.00	\$625.00	\$550.00	VOFBX (N)
-SMPTE 310M Digital Interface	\$500.00 <sup>2</sup>	\$400.00	\$340.00	\$300.00	\$270.00	V1F3X
-NTSC Analog Interface	\$500.00 <sup>2</sup>	\$200.00	\$185.00	\$170.00	\$155.00	V1FNX
(2) Diversity Options (Rates apply per channel termination unless stated otherwise)						
-Local Channel Diversity	\$0.00	\$410.00	\$300.00	\$225.00	\$200.00	CPAMX
-Alternate Wire Center Diversity	\$0.00	\$660.00	\$490.00	\$360.00	\$325.00	CPABX
-Inter-Wire Center Diversity (Per Circuit)	\$0.00	\$290.00	\$210.00	\$150.00	\$135.00	CPAUX
-Equipment Only Diversity	\$0.00	\$415.00	\$320.00	\$245.00	\$220.00	CPACX

<sup>(1)</sup>Effective December 16, 2008, customers may order SCVS service under Channel Services Payment Plan monthly rates.

<sup>(2)</sup>Nonrecurring charge is waived when feature is ordered and installed concurrently with the associated Channel Termination.

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.5 Video Services

7.5.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service

7.5.5.1.1 Rates and Charges

ALL STATES

(2) High Definition Video Transport (HDVT)

	Nonrecurring Charge <sup>(1)</sup>	Month To Month	Channel Services Payment Plan Monthly Rates			USOC
			Plan A 24 - 48 Months	Plan B 49 - 72 Months	Plan C 73 - 96 Months	
(A) Channel Termination -per end point	\$1,500.00	\$750.00	\$625.00	\$525.00	\$500.00	TMECT
(B) Interoffice Fixed Mileage, -per I/O facility	\$0.00	\$50.00	\$48.00	\$43.00	\$40.00	1L5FV
Variable Mileage -per mile	\$0.00	\$110.00	\$95.00	\$80.00	\$75.00	1L5FV
(C) Optional Features						
(1) Regenerator	\$0.00	\$440.00	\$430.00	\$420.00	\$410.00	RGR
(2) Optical, Wavelength and Ethernet Handoff Options						
-OC-3 Handoff	\$700.00 <sup>(1,2)</sup>	\$750.00	\$560.00	\$275.00	\$250.00	VOHO3 (C)
-OC-12 Handoff	\$700.00 <sup>(1,2)</sup>	\$1,675.00	\$1,250.00	\$625.00	\$550.00	VOH12
-OC-48 Handoff	\$700.00 <sup>(1,2)</sup>	\$1,675.00	\$1,250.00	\$625.00	\$550.00	VOF4X (N)
-2.5Gbps Ethernet/ Wavelength Handoff	\$700.00 <sup>(1,2)</sup>	\$1,675.00	\$1,250.00	\$625.00	\$550.00	VOFAX (N)
-10Gbps Ethernet Handoff	\$700.00 <sup>(1,2)</sup>	\$1,675.00	\$1,250.00	\$625.00	\$550.00	VOFBX (N)
(3) Multi Media Channel <sup>(1,3)</sup>						
-1 Gbps Option	\$1,500.00	\$2,500.00	\$2,000.00	\$950.00	\$900.00	HDVM1
(4) Diversity Options	(Rates apply per channel termination unless stated otherwise)					
-Local Channel Diversity	\$0.00	\$410.00	\$300.00	\$225.00	\$200.00	CPAMX
-Alternate Wire Center Diversity	\$0.00	\$660.00	\$490.00	\$360.00	\$325.00	CPABX
-Inter-Wire Center Diversity (Per Circuit)	\$0.00	\$290.00	\$210.00	\$150.00	\$135.00	CPAUX
-Equipment Only Diversity	\$0.00	\$415.00	\$320.00	\$245.00	\$220.00	CPACX

<sup>(1)</sup> Nonrecurring charge will not apply when the customer subscribes to a Channel Services Payment Plan.

<sup>(2)</sup> Nonrecurring charge is waived when feature is ordered and installed concurrently with the associated Channel Termination.

<sup>(3)</sup> Nonrecurring charge is waived when feature is ordered and installed concurrently with the associated HDVT Channel Termination.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.6 Reserved for Future Use

7.5.7 Reserved for Future Use

7.5.8 Reserved for Future Use

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

(A) Local Channel (Per Local Channel)

(1) Reserved for Future Use

(2) Reserved for Future Use

(3) LightGate (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(a) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network STS-1 Capacity) System

ALL STATES

Per System

Non Recurring  
Charge

USOC

\$800.00

HFST1

Month  
to  
Month  
Rates

USOC

Zone 1

\$2,070.00 (I)

HFST1

Zone 2

\$2,070.00 (I)

HFST1

Zone 3

\$2,070.00 (I)

HFST1

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(b) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 Capacity) System

ALL STATES

Per System

	<u>Non Recurring Charge</u>	<u>USOC</u>	
	\$800.00	HFS03	
	<u>Month to Month Rates</u>	<u>USOC</u>	
Zone 1	\$4070.00	HFS03	(I)
Zone 2	\$4070.00	HFS03	(I)
Zone 3	\$4070.00	HFS03	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(c) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 Capacity) System

Per System with Optical Customer Termination

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>	
	\$800.00	HFSOC	
	<u>Month to Month Rates</u>	<u>USOC</u>	
Zone 1	\$2676.00	HFSOC	(I)
Zone 2	\$2676.00	HFSOC	(I)
Zone 3	\$2676.00	HFSOC	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(d) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 Capacity) System

Per System with Optical Serving Wire Center Termination

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>	
	\$800.00	HFSOW	
	<u>Month to Month Rates</u>	<u>USOC</u>	
Zone 1	\$2676.00	HFSOW	(I)
Zone 2	\$2676.00	HFSOW	(I)
Zone 3	\$2676.00	HFSOW	(I)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(e) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 Capacity) System

Per System

ALL STATES

Nonrecurring  
Charge

USOC

\$800.00

HFS12

Month to Month  
Rates

USOC

Zone 1	\$6050.00	HFS12	(I)
Zone 2	\$6050.00	HFS12	(I)
Zone 3	\$6050.00	HFS12	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(f) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 Capacity) System

Per System with Optical Customer Termination

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>	
	\$800.00	HFS1C	
	<u>Month to Month Rates</u>	<u>USOC</u>	
Zone 1	\$4224.00	HFS1C	(I)
Zone 2	\$4224.00	HFS1C	(I)
Zone 3	\$4224.00	HFS1C	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(g) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 Capacity) System

Per System with Optical Serving Wire Center Termination

	<u>ALL STATES</u>		
	Nonrecurring <u>Charge</u>	<u>USOC</u>	
	\$800.00	HFS1W	
	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$4224.00	HFS1W	(I)
Zone 2	\$4224.00	HFS1W	(I)
Zone 3	\$4224.00	HFS1W	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Systems (Includes first one-half air mile)

(h) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network) OC-48 capacity) System

Per System

	<u>ALL STATES</u>		
	<u>Nonrecurring Charge</u>	<u>USOC</u>	
	\$800.00	HFS48	
	<u>Month to Month Rates</u>	<u>USOC</u>	
Zone 1	\$14,300.00	HFS48	(I)
Zone 2	\$14,300.00	HFS48	(I)
Zone 3	\$14,300.00	HFS48	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Systems (Includes first one-half air mile)

(i) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) System

Per System with Optical Customer Termination

ALL STATES

Nonrecurring Charge

USOC

\$800.00

HFS4C

Month to Month Rates

USOC

Zone 1	\$8800.00	HFS4C	(I)
Zone 2	\$8800.00	HFS4C	(I)
Zone 3	\$8800.00	HFS4C	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Systems (Includes first one-half air mile)

(j) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) System

Per System with Optical Serving Wire Center Termination

ALL STATES

Nonrecurring Charge

\$800.00

USOC

HFS4W

Month to Month Rates

Zone 1

\$ 8800.00

USOC

HFS4W

(I)

Zone 2

\$ 8800.00

HFS4W

(I)

Zone 3

\$ 8800.00

HFS4W

(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Systems (Includes first one-half air mile)

(k) LightGate OC-192 service (a.k.a. BellSouth SPA Point to Point Network) OC-192 capacity) System

Per System

	<u>ALL STATES</u>		
	<u>Nonrecurring Charge</u>	<u>USOC</u>	
	\$800.00	HFST2	
	<u>Month to Month Rates</u>	<u>USOC</u>	
Zone 1	\$28,600.00	HFST2	(I)
Zone 2	\$28,600.00	HFST2	(I)
Zone 3	\$28,600.00	HFST2	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(1) LightGate (a.k.a. BellSouth SPA Point to Point Network) Synchronous  
System service Channel Interfaces

ALL STATES

	<u>Non-Recurring Charge</u>	<u>Month to Month Rates</u>	<u>USOC</u>
<u>Central Office Channel Interfaces</u>			
Per DS1	\$ 170.00	\$ 24.00 (I)	1PQE8
Per DS3	\$ 180.00	\$ 115.00 (I)	1PQEC
Per STS-1	\$ 200.00	\$ 175.00 (I)	1PQE4
Per OC-3 (2 Fiber)	\$ 200.00	\$ 240.00 (I)	1PQE5
(4 Fiber)	\$ 200.00	\$ 425.00 (I)	1PQE6
Per OC-12 (2 Fiber)	\$ 360.00	\$ 640.00 (I)	1PQEE
(4 Fiber)	\$ 400.00	\$1,280.00 (I)	1PQED
Per OC-48 (2 Fiber)	\$ 500.00	\$1,600.00 (I)	1PQEO
(4 Fiber)	\$ 500.00	\$3,200.00 (I)	1PQEF
Per 28 DS1 Channel System	\$ 290.00	\$ 600.00 (I)	MQ3CO
Per DS1	\$ 170.00	\$ 15.00 (I)	1PQE1
Per STS-1 Channel System	\$ 350.00	\$ 600.00 (I)	1PQE7
Per OC-3 Channel System	\$ 290.00	\$1,325.00 (I)	1PQE9
Per OC-12 Channel System	\$ 300.00	\$2,650.00 (I)	1PQ12
Per OC-48 Channel System	\$ 300.00	\$5,490.00 (I)	1PQ48



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(m) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Synchronous System service Channel Interfaces

ALL STATES

	<u>Non-Recurring Charge</u>	<u>Month to Month Rates</u>	<u>USOC</u>
<u>Central Office Channel Interfaces</u>			
Per 10 Mbps	\$400.00	\$500.00	1PQEL
Per 100 Mbps	\$400.00	\$540.00	1PQEL
Per Fractional 1000 Mbps			
- 50 Mbps	\$400.00	\$520.00	1PQEL
- 150 Mbps	\$400.00	\$560.00	1PQEL
- 300 Mbps	\$400.00	\$600.00	1PQEL
- 450 Mbps	\$400.00	\$640.00	1PQEL
- 600 Mbps	\$400.00	\$700.00	1PQEL
-1000 Mbps <sup>1</sup>	\$300.00	\$740.00	1PQEK
Per Flex DS1	\$200.00	\$22.50	1PQEQ
Per DS3 (Asymmetrical with DS1/Flex DS1) <sup>2</sup>	\$450.00	\$500.00	1PQEX
Per OC-192 Channel System <sup>3</sup>	\$1,000.00	\$10,000.00	1PQ92

Note 1: Available only for systems installed on or after September 30, 2003 that do not contain an Optical Customer Termination or a Optical Serving Wire Center Termination.

Note 2: A DS3 (Asymmetrical with DS1/Flex DS1) interface has the capacity to aggregate 28 DS1s. The DS3 (Asymmetrical with DS1/Flex DS1) may interface at an OC-3 node with a DS1 interface and the DS3 (Asymmetrical with DS1/Flex DS1) may interface at an OC-12, OC-48 or OC-192 node with a Flex DS1 interface.

Note 3: Available only for use with the OC-192 WaveGate Channel associated with BellSouth Wavelength Channel Service as described in Section 29.

(D)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(n) Section Not in Use

(T)  
(D)

(D)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Local Channel Systems (Includes first one-half air mile)

(o) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Synchronous System service Channel Interfaces

	<u>ALL STATES</u>		
	<u>Non- Recurring Charge</u>	<u>Month to Month Rates</u>	<u>USOC</u>
<u>Customer Channel Interfaces</u>			
Per DS1	\$ 170.00	\$ 30.00 (I)	1PQF1
Per DS3	\$ 235.00	\$ 230.00 (I)	1PQF3
Per STS-1	\$ 260.00	\$ 240.00 (I)	1PQF4
Per OC-3 (2 Fiber)	\$ 235.00	\$ 240.00 (I)	1PQF5
(4 Fiber)	\$ 235.00	\$ 475.00 (I)	1PQF6
Per OC-12 (2 Fiber)	\$ 275.00	\$ 715.00 (I)	1PQF8
(4 Fiber)	\$ 275.00	\$1,430.00 (I)	1PQF7
Per OC-48 (2 Fiber)	\$ 350.00	\$1,600.00 (I)	1PQF2
(4 Fiber)	\$ 350.00	\$3,200.00 (I)	1PQFO

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(p) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Synchronous System service Channel Interfaces

	<u>ALL STATES</u>		
	<u>Non- Recurring Charge</u>	<u>Month to Month Rates</u>	<u>USOC</u>
<u>Customer Channel Interfaces</u>			
Per 10 Mbps	\$400.00	\$500.00	1PQFL
Per 100 Mbps	\$400.00	\$540.00	1PQFL
Per Fractional 1000 Mbps			
- 50 Mbps	\$400.00	\$520.00	1PQFL
- 150 Mbps	\$400.00	\$560.00	1PQFL
- 300 Mbps	\$400.00	\$600.00	1PQFL
- 450 Mbps	\$400.00	\$640.00	1PQFL
- 600 Mbps	\$400.00	\$700.00	1PQFL
-1000 Mbps <sup>1</sup>	\$300.00	\$740.00	1PQFK
Per Flex DS1	\$260.00	\$22.50	1PQFQ
Per DS3 (Asymmetrical with DS1/Flex DS1) <sup>2</sup>	\$600.00	\$500.00	1PQFX

Note 1: Available only for systems installed on or after September 30, 2003, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination.

Note 2: A DS3 (Asymmetrical with DS1/Flex DS1) interface has the capacity to aggregate 28 DS1s. The DS3 (Asymmetrical with DS1/Flex DS1) may interface at an OC-3 node with a DS1 interface and the DS3 (Asymmetrical with DS1/Flex DS1) may interface at an OC-12, OC-48 or OC-192 node with a Flex DS1 interface.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(q) Section Not in Use

(T)  
(D)

(D)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(r) Local channel mileage rates (for all LightGate service a.k.a. BellSouth SPA Point to Point Network local channel systems)

Each Additional system one-half air mile

ALL STATES

	<u>Month to Month Rates</u>	<u>USOC</u>
Zone 1	\$220.00	1LPEA
Zone 2	\$220.00	1LPEA
Zone 3	\$220.00	1LPEA

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(s) Separate Alternate Facility Transport (SAFT) local channel protection mileage (for all LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channel systems)

	<u>ALL STATES</u>		
	<u>Non- Recurring Charge</u>	<u>Month to Month Rates</u>	<u>USOC</u>
- SAFT Level I Per system	\$ 770.00		1L8EA
Per system one-half air mile		\$ 175.00	1L8EA
- SAFT Level II Per system	\$ 770.00		1L8EP
Per system one-half air mile		\$2000.00	1L8EP

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems Includes first one-half air mile)

(t) LightGate STS-1 service (a.k.a. BellSouth SPA Point to  
Point Network STS-1 capacity) System

Per System

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			<u>USOC</u>
Zone 1	\$1,590.00	\$1,440.00	\$1,290.00	HFST1
Zone 2	\$1,590.00	\$1,440.00	\$1,290.00	HFST1
Zone 3	\$1,590.00	\$1,440.00	\$1,290.00	HFST1

(1) All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems Includes first one-half air mile)

(u) LightGate OC-3 service (a.k.a. BellSouth SPA Point to  
Point Network OC-3 capacity) System

Per System

ALL STATES

	<u>Transport Payment Plan Rates<sup>(1) (2)</sup></u>			(C) <u>USOC</u>
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$3,100.00	\$2,800.00	\$2,500.00	HFSO3
Zone 2	\$3,100.00	\$2,800.00	\$2,500.00	HFSO3
Zone 3	\$3,100.00	\$2,800.00	\$2,500.00	HFSO3

(1) All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems Includes first one-half air mile)

(v) LightGate OC-3 service (a.k.a. BellSouth SPA Point to  
Point Network OC-3 capacity) System

Per System with Optical Customer Termination

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$1,968.00	\$1,776.00	\$1,584.00	HFSOC
Zone 2	\$1,968.00	\$1,776.00	\$1,584.00	HFSOC
Zone 3	\$1,968.00	\$1,776.00	\$1,584.00	HFSOC

(1) All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems Includes first one-half air mile)

(w) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity) System

Per System with Optical Serving Wire Center Termination

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$1,968.00	\$1,726.00	\$1,584.00	HFSOW
Zone 2	\$1,968.00	\$1,726.00	\$1,584.00	HFSOW
Zone 3	\$1,968.00	\$1,726.00	\$1,584.00	HFSOW

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems Includes first one-half air mile)

(x) LightGate OC-12 service (a.k.a. BellSouth SPA Point to  
Point Network OC-12 capacity) System

Per System

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			<u>USOC</u>
Zone 1	\$4,845.00	\$4,600.00	\$4,150.00	HFS12
Zone 2	\$4,845.00	\$4,600.00	\$4,150.00	HFS12
Zone 3	\$4,845.00	\$4,600.00	\$4,150.00	HFS12

(1) All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems Includes first one-half air mile)

(y) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity) System

Per System with Optical Customer Termination

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$3,329.00	\$3,200.00	\$2,880.00	HFS1C
Zone 2	\$3,329.00	\$3,200.00	\$2,880.00	HFS1C
Zone 3	\$3,329.00	\$3,200.00	\$2,880.00	HFS1C

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments, LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Local Channel Systems Includes first one-half air mile)

(z) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity) System

Per System with Optical Serving Wire Center Termination

ALL STATES

	Transport Payment Plan Rates <sup>(1) (2)</sup>			(C) <u>USOC</u>
	Plan A	Plan B	Plan C	
	12 to 36	37 to 60	61 to 96	
	Months	Months	Months	
	<u>Per Month Rates</u>			
Zone 1	\$3,329.00	\$3,200.00	\$2,880.00	HFS1W
Zone 2	\$3,329.00	\$3,200.00	\$2,880.00	HFS1W
Zone 3	\$3,329.00	\$3,200.00	\$2,880.00	HFS1W

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
 (N)  
 (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(aa) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) System

Per System

ALL STATES

	<u>Transport Payment Plan Rates<sup>(1) (2)</sup></u>			<u>USOC</u>
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$10,450.00	\$10,000.00	\$9,000.00	HFS48
Zone 2	\$10,450.00	\$10,000.00	\$9,000.00	HFS48
Zone 3	\$10,450.00	\$10,000.00	\$9,000.00	HFS48

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T<sup>1</sup> will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(ab) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point network OC-48 capacity) System

Per System with Optical Customer Termination

ALL STATES

	Transport Payment Plan Rates <sup>(1) (2)</sup>			(C)
	Plan A	Plan B	Plan C	
	12 to 36	37 to 60	61 to 96	
	Months	Months	Months	
	<u>Per Month Rates</u>			<u>USOC</u>
Zone 1	\$6,688.00	\$6,400.00	\$5,760.00	HFS4C
Zone 2	\$6,688.00	\$6,400.00	\$5,760.00	HFS4C
Zone 3	\$6,688.00	\$6,400.00	\$5,760.00	HFS4C

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments, LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(ac) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) System

Per System with Optical Serving Wire Center Termination

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$6,688.00	\$6,400.00	\$5,760.00	HFS4W
Zone 2	\$6,688.00	\$6,400.00	\$5,760.00	HFS4W
Zone 3	\$6,688.00	\$6,400.00	\$5,760.00	HFS4W

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments, LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(ad) LightGate OC-192 service (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity) System

Per System

ALL STATES

	<u>Transport Payment Plan Rates<sup>(1) (2)</sup></u>			(C)
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>USOC</u>			
	<u>Per Month Rates</u>			
Zone 1	\$17,765.00	\$17,000.00	\$15,300.00	HFST2
Zone 2	\$17,765.00	\$17,000.00	\$15,300.00	HFST2
Zone 3	\$17,765.00	\$17,000.00	\$15,300.00	HFST2

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments, LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(ae) LightGate service (a.k.a. BellSouth SPA Point to Point Networks)  
Synchronous service System Channel Interfaces

ALL STATES

	Non- Recurring Charge	Transport Payment Plan Rates <sup>(1) (2)</sup>			USOC	(C)
		Plan A 12 to 36 Months	Plan B 37 to 60 Months	Plan C 61 to 96 Months		
		Per Month Rates				
<u>Central Office Channel Interfaces</u>						
Per DS1	\$170.00	\$ 20.00	\$ 17.00	\$ 15.00	1PQE8	
Per DS3	\$180.00	\$ 95.00	\$ 90.00	\$ 85.00	1PQEC	
Per STS-1	\$200.00	\$ 140.00	\$ 130.00	\$ 120.00	1PQE4	
Per OC-3 (2 Fiber)	\$200.00	\$ 190.00	\$ 175.00	\$ 160.00	1PQE5	
Per OC-3 (4 Fiber)	\$200.00	\$ 330.00	\$ 300.00	\$ 270.00	1PQE6	
Per OC-12 (2 Fiber)	\$360.00	\$ 495.00	\$ 450.00	\$ 405.00	1PQEE	
Per OC-12 (4 Fiber)	\$400.00	\$ 990.00	\$ 900.00	\$ 810.00	1PQED	
Per OC-48 (2 Fiber)	\$500.00	\$1,325.00	\$1,215.00	\$1,050.00	1PQEO	
Per OC-48 (4 Fiber)	\$500.00	\$2,650.00	\$2,430.00	\$2,100.00	1PQEF	
Per 28 DS1 Channel System	N/A	\$ 490.00	\$ 465.00	\$ 450.00	MQ3CO	
Per DS1 Per STS-1 Channel System	\$170.00	\$ 8.00	\$ 7.00	\$ 6.00	1PQE1	
Per OC-3 Channel System	N/A	\$ 490.00	\$ 465.00	\$ 450.00	1PQE7	
Per OC-12 Channel System	N/A	\$1,100.00	\$ 1,000.00	\$ 900.00	1PQE9	
Per OC-48 Channel System	N/A	\$2,200.00	\$2,000.00	\$1,800.00	1PQ12	
Per OC-48 Channel System	N/A	\$4,410.00	\$4,050.00	\$3,510.00	1PQ48	

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments, LightGate Bellsouth SPA Point to Point Network and SMARTRing Bellsouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(af) LightGate service (a.k.a. BellSouth SPA Point to Point Networks)  
Synchronous service System Channel Interfaces)

ALL STATES

	Non-Recurring Charge	Transport Payment Plan Rates <sup>(5) (6)</sup>			USOC	(C)
		Plan A 12 to 36 Months	Plan B 37 to 60 Months	Plan C 61 to 96 Months		
Per Month Rates						
Central Office Channel Interfaces (Cont'd)						
Per 10 Mbps	\$400.00	\$175.00	\$155.00	\$140.00	1PQEL	
Per 100 Mbps	\$400.00	\$210.00	\$190.00	\$170.00	1PQEL	
Per Fractional 1000 Mbps						
- 50 Mbps	\$400.00	\$190.00	\$170.00	\$150.00	1PQEL	
- 150 Mbps	\$400.00	\$230.00	\$210.00	\$190.00	1PQEL	
- 300 Mbps	\$400.00	\$300.00	\$280.00	\$260.00	1PQEL	
- 450 Mbps	\$400.00	\$340.00	\$310.00	\$290.00	1PQEL	
- 600 Mbps	\$400.00	\$380.00	\$340.00	\$320.00	1PQEL	
-1000 Mbps <sup>(1)</sup>	\$300.00	\$520.00	\$475.00	\$425.00	1PQEK	
Per Flex DS1	\$200.00	\$19.00	\$16.00	\$14.00	1PQEQ	
Per DS3						
(Asymmetrical with DS1/Flex DS1) <sup>(2)</sup>	\$450.00	\$390.00	\$365.00	\$350.00	1PQEX	
- Vintage Rate <sup>(3)</sup>	-	\$19.00	\$ 16.00	\$14.00	1PQEX	
Per OC-192 Channel System <sup>(4)</sup>	N/A	\$8,300.00	\$7,600.00	\$6,600.00	1PQ92	

<sup>(1)</sup> Available only for systems installed on or after September 30, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination.

<sup>(2)</sup> A DS3 (Asymmetrical with DS1/Flex DS1) interface has the capacity to aggregate 28 DS1s. The DS3 (Asymmetrical with DS1/Flex DS1) may interface at an OC-3 node with a DS1 interface and the DS3 (Asymmetrical with DS1/Flex DS1) may interface at an OC-12, OC-48 or OC-192 node with a Flex DS1 interface.

<sup>(3)</sup> Rate in effect prior to May 7, 2005.

<sup>(4)</sup> Available only for use with the OC-192 WaveGate Channel associated with BellSouth Wavelength Channel Service as described in Section 29.

<sup>(5)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(6)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments, LightGate Bellsouth SPA Point to Point Network and SMARTring BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(ag)Section Not in Use

(T)  
(D)

(D)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(ah) LightGate service (a.k.a. BellSouth SPA Point to Point Networks)  
Synchronous service System Channel Interfaces

ALL STATES

	Non- Recurring Charge	Transport Payment Plan Rates <sup>(1) (2)</sup>			USOC	(C)
		Plan A	Plan B	Plan C		
		12 to 36 Months	37 to 60 Months	61 to 96 Months		
		Per Month Rates				
<u>Customer Channel Interfaces</u>						
Per DS1	\$170.00	\$ 24.00	\$ 22.00	\$ 20.00	1PQF1	
Per DS3	\$235.00	\$ 185.00	\$175.00	\$165.00	1PQF3	
Per STS-1	\$260.00	\$ 195.00	\$185.00	\$175.00	1PQF4	
Per OC-3 (2 Fiber)	\$235.00	\$ 190.00	\$175.00	\$160.00	1PQF5	
(4 Fiber)	\$235.00	\$ 380.00	\$350.00	\$320.00	1PQF6	
Per OC-12 (2 Fiber)	\$275.00	\$ 570.00	\$525.00	\$480.00	1PQF8	
(4 Fiber)	\$275.00	\$1,140.00	\$1,050.00	\$960.00	1PQF7	
Per OC-48 (2 Fiber)	\$350.00	\$1,325.00	\$1,215.00	\$1,050.00	1PQF2	
(4 Fiber)	\$350.00	\$2,650.00	\$2,430.00	\$2,100.00	1PQFO	

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
|  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(ai) LightGate service (a.k.a. BellSouth SPA Point to Point Networks)  
Synchronous service System Channel Interfaces

ALL STATES

	Non- Recurring Charge	Transport Payment Plan Rates <sup>(4) (5)</sup>			USOC	(C)
		Plan A 12 to 36 Months	Plan B 37 to 60 Months	Plan C 61 to 96 Months		
		Per Month Rates				
<u>Customer Channel Interfaces</u>						
Per 10 Mbps	\$400.00	\$175.00	\$155.00	\$140.00	1PQFL	
Per 100 Mbps	\$400.00	\$210.00	\$190.00	\$170.00	1PQFL	
<u>Per Fractional 1000 Mbps</u>						
- 50 Mbps	\$400.00	\$190.00	\$170.00	\$150.00	1PQFL	
- 150 Mbps	\$400.00	\$230.00	\$210.00	\$190.00	1PQFL	
- 300 Mbps	\$400.00	\$300.00	\$280.00	\$260.00	1PQFL	
- 450 Mbps	\$400.00	\$340.00	\$310.00	\$290.00	1PQFL	
- 600 Mbps	\$400.00	\$380.00	\$340.00	\$320.00	1PQFL	
-1000 Mbps <sup>(1)</sup>	\$300.00	\$520.00	\$475.00	\$425.00	1PQFK	
Per Flex DS1	\$260.00	\$19.00	\$16.00	\$14.00	1PQFQ	
<u>Per DS3</u>						
(Asymmetrical with DS1/Flex DS1) <sup>(2)</sup>	\$600.00	\$390.00	\$365.00	\$350.00	1PQFX	
- Vintage Rate <sup>(3)</sup>	-	\$19.00	\$16.00	\$14.00	1PQEX	

<sup>(1)</sup> Available only for systems installed on or after September 30, 2003, that do not contain an Optical Customer Termination or an Optical Serving Wire Center Termination.

<sup>(2)</sup> A DS3 (Asymmetrical with DS1/Flex DS1) interface has the capacity to aggregate 28 DS1s. The DS3 Asymmetrical with DS1/Flex DS1 may interface at an OC-3 node with a DS1 interface and the DS3 (Asymmetrical with DS1/Flex DS1) may interface at an OC-12, OC-48 or OC-192 node with a Flex DS1 interface.

<sup>(3)</sup> Rate in effect prior to May 7, 2005.

<sup>(4)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(5)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments, LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)<sup>(1)</sup> (C)  
Local Channel Systems (Includes first one-half air mile)

(aj)

<sup>(1)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments, LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(ak) Local channel mileage rates (for all LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channel systems

Each additional system one-half air mile

ALL STATES

	Transport Payment Plan Rates <sup>(1) (2)</sup>			(C) USOC
	Plan A	Plan B	Plan C	
	12 to 36	37 to 60	61 to 96	
	Months	Months	Months	
	Per Month Rates			
Zone 1	\$190.00	\$170.00	\$150.00	1LPEA
Zone 2	\$190.00	\$170.00	\$150.00	1LPEA
Zone 3	\$190.00	\$170.00	\$150.00	1LPEA

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
|  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems (Includes first one-half air mile)

(al) Separate Alternate Facility Transport (SAFT) local channel  
protection mileage (for all LightGate service (a.k.a. BellSouth  
SPA Point to Point Network) local channel systems

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
SAFT Level I Per System				
Per system one-half air mile	\$ 145.00	\$ 120.00	\$ 110.00	1L8EA
SAFT Level II Per System				
Per system one-half air mile	\$1000.00	\$800.00	\$ 650.00	1L8EP

(1) All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local  
Channel Systems (Includes first one-half air mile)

(am) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point  
Network OC-3 Capacity) Local Channel Service System

ALL STATES

	Non- Recurring Charge	Channel Services Payment Plan Rates <sup>(1)(2)</sup>			USOC	(C)
		Plan A	Plan B	Plan C		
		24 to 48 Months	49 to 72 Months	73 to 96 Months		
Per Month Rates						
Per Electrical System	N/A	\$3,100.00	\$2,800.00	\$2,500.00	HFSO3	
Per System with Optical Customer Termination	N/A	\$1,968.00	\$1,776.00	\$1,584.00	HFSOC	
Per System with Optical Serving Wire Center Termination	N/A	\$2,460.00	\$2,220.00	\$1,980.00	HFSOW	
<u>Central Office Channel Interfaces</u>						
Per DS1	\$170.00	\$20.00	\$17.00	\$15.00	1PQE8	
Per DS3	\$180.00	\$95.00	\$90.00	\$85.00	1PQEC	
Per STS-1	\$200.00	\$140.00	\$130.00	\$120.00	1PQE4	
Per 28 DS1 Channel System	N/A	\$490.00	\$465.00	\$450.00	MQ3CO	
Per DS1	\$170.00	\$8.00	\$7.00	\$6.00	1PQE1	
Per STS-1 Channel System	N/A	\$490.00	\$465.00	\$450.00	1PQE7	
Per DS1	\$170.00	\$20.00	\$17.00	\$15.00	1PQE8	

(1) As set forth in Part 3, Section 2.4.8, renewals for existing CSPP arrangements will not be available for LightGate system installations on or after August 23, 1996. New LightGate system installations on or after August 23, 1996, must be ordered under TPP arrangements. LightGate system installations include channel interfaces and other associated rate elements.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
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(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems (Includes first one-half mile)

(an) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 Capacity) Local Channel Service System

ALL STATES

	Channel Services Payment Plan Rates <sup>(1)(2)</sup>				(C)
	Non-Recurring Charge	Plan A 24 to 48 Months	Plan B 49 to 72 Months	Plan C 73 to 96 Months	
	Per Month Rates				
<u>Customer Channel Interfaces</u>					
Per DS1	\$170.00	\$24.00	\$22.00	\$20.00	1PQF1
Per DS3	\$235.00	\$185.00	\$175.00	\$165.00	1PQF3
Per STS-1	\$260.00	\$195.00	\$185.00	\$175.00	1PQF4

(ao) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 Capacity) Local Channel Service System

Per Electrical System	N/A	\$5,100.00	\$4,600.00	\$4,150.00	HFS12
Per System with Optical Customer Termination	N/A	\$3,504.00	\$3,200.00	\$2,880.00	HFS1C
Per System with Optical Serving Wire Center Termination	N/A	\$4,380.00	\$4,000.00	\$3,600.00	HFS1W

(1) As set forth in Part 3, Section 2.4.8, renewals for existing CSPP arrangements will not be available for LightGate system installations on or after August 23, 1996. New LightGate system installations on or after August 23, 1996, must be ordered under TPP arrangements. LightGate system installations include channel interfaces and other associated rate elements.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Local Channel Systems  
(Includes first one-half air mile)

(ap) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point  
Network OC-12 Capacity) Local Channel Service System

ALL STATES

	Channel Services Payment Plan Rates <sup>(1) (2)</sup>				(C)
	Non- Recurring Charge	Plan A 24 to 48 Months	Plan B 49 to 72 Months	Plan C 73 to 96 Months	
<u>Central Office Channel Interfaces</u>					
Per DS3	\$180.00	\$95.00	\$90.00	\$85.00	1PQEC
Per STS-1	\$200.00	\$140.00	\$130.00	\$120.00	1PQE4
Per OC-3 (2 Fiber)	\$200.00	\$190.00	\$175.00	\$160.00	1PQE5
<u>Per 28 DS1 Channel System</u>					
Per DS1	N/A	\$490.00	\$465.00	\$450.00	MQ3CO
	\$170.00	\$8.00	\$7.00	\$6.00	1PQE1
<u>Per STS-1 Channel System</u>					
Per DS1	N/A	\$490.00	\$465.00	\$450.00	1PQE7
	\$170.00	\$20.00	\$17.00	\$15.00	1PQE8
<u>Per OC-3 Channel System</u>					
Per DS1	N/A	1,100.00	\$1,000.00	\$900.00	1PQE9
	\$170.00	\$20.00	\$17.00	\$15.00	1PQE8
<u>Customer Channel Interfaces</u>					
Per DS3	\$235.00	\$185.00	\$175.00	\$165.00	1PQF3
Per STS-1	\$260.00	\$195.00	\$185.00	\$175.00	1PQF4
Per OC-3 (2 Fiber)	\$235.00	\$190.00	\$175.00	\$160.00	1PQF5

(1) As set forth in Part 3, Section 2.4.8, renewals for existing CSPP arrangements will not be available for LightGate system installations on or after August 23, 1996. New LightGate system installations on or after August 23, 1996, must be ordered under TPP arrangements. LightGate system installations include channel interfaces and other associated rate elements.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems (Includes first one-half air mile)

(aq) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 Capacity) Local Channel Service System

ALL STATES

	Non-Recurring Charge	Channel Services Payment Plan Rates <sup>1 2</sup>			USOC	(C)
		Plan A	Plan B	Plan C		
		24 to 48 Months	49 to 72 Months	73 to 96 Months		
Per Electrical System	N/A	\$11,000.00	\$10,000.00	\$9,000.00	HFS48	
Per System with Optical Customer Termination	N/A	\$7,040.00	\$6,400.00	\$5,760.00	HFS4C	
<u>Central Office Channel Interfaces</u>						
Per DS3	\$180.00	\$95.00	\$90.00	\$85.00	1PQEC	
Per STS-1	\$200.00	\$140.00	\$130.00	\$120.00	1PQE4	
Per OC-3 (2 Fiber)	\$200.00	\$190.00	\$175.00	\$160.00	1PQE5	
Per 28 DS1 Channel System	N/A	\$490.00	\$465.00	\$450.00	MQ3CO	
Per DS1	\$170.00	\$8.00	\$7.00	\$6.00	1PQE1	
Per STS-1 Channel System	N/A	\$490.00	\$465.00	\$450.00	1PQE7	
Per DS1	\$170.00	\$20.00	\$17.00	\$15.00	1PQE8	

Note 1: As set forth in Part 3, Section 2.4.8, renewals for existing CSPP arrangements will not be available for LightGate system installations on or after August 23, 1996. New LightGate system installations on or after August 23, 1996, must be ordered under TPP arrangements. LightGate system installations include channel interfaces and other associated rate elements.

Note 2: Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
|  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems  
(Includes first one-half air mile)

(ar) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 Capacity) Local Channel Service System

ALL STATES

	Channel Services Payment Plan Rates <sup>(1) (2)</sup>				(C)
	Non-Recurring Charge	Plan A	Plan B	Plan C	
		24 to 48 Months	49 to 72 Months	73 to 96 Months	
	Per Month Rates				
Per OC-3 Channel System	N/A	\$1,100.00	\$1,000.00	\$900.00	1PQE9
Per DS-1	\$170.00	\$20.00	\$17.00	\$15.00	1PQE8
<u>Customer Channel Interfaces</u>					
Per DS3	\$220.00	\$185.00	\$175.00	\$165.00	1PQF3
Per STS-1	\$260.00	\$195.00	\$185.00	\$175.00	1PQF4
Per OC-3 (2 Fiber)	\$235.00	\$190.00	\$175.00	\$160.00	1PQF5

(1) As set forth in Part 3, Section 2.4.8, renewals for existing CSPP arrangements will not be available for LightGate system installations on or after August 23, 1996. New LightGate system installations on or after August 23, 1996, must be ordered under TPP arrangements. LightGate system installations include channel interfaces and other associated rate elements.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(A) Local Channel (Per Local Channel)

(3) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Local Channel Systems  
(Includes first one-half air mile)

(as) Local channel mileage rates (for all LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channel systems)

ALL STATES

Non-Recurring Charge	Channel Services Payment Plan Rates <sup>(1) (2)</sup>			USOC	(C)
	Plan A 24 to 48 Months	Plan B 49 to 72 Months	Plan C 73 to 96 Months		
	Per Month Rates				

- Each additional system one-half air mile	N/A	\$190.00	\$170.00	\$150.00	1LPEA
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(at) Separate Alternate Facility Transport (SAFT) local channel protection mileage (for all LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channel systems)

- SAFT Level I Per system	\$770.00				1L8EA
Per system one-half air mile	N/A	\$145.00	\$120.00	\$110.00	1L8EA
- SAFT Level II Per system	\$770.00				1L8EP
Per system one-half air mile	N/A	\$1,000.00	\$800.00	\$650.00	1L8EP

<sup>(1)</sup> As set forth in Part 3, Section 2.4.8, renewals for existing CSPP arrangements will not be available for LightGate system installations on or after August 23, 1996. New LightGate system installations on or after August 23, 1996, must be ordered under TPP arrangements. LightGate system installations include channel interfaces and other associated rate elements.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTring BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

- (1) Reserved for Future Use
- (2) Reserved for Future Use
- (3) Reserved for Future Use
- (4) Reserved for Future Use
- (5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(a) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel System (1 DS3 Capacity)

Mileage Band 0-8  
 Fixed, per System

ALL STATES

<u>Nonrecurring Charge</u>	<u>USOC</u>
\$ 190.00	1LPSA

<u>Month to Month Rates</u>	<u>USOC</u>
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Zone 1	\$1,430.00 (I)	1LPSA
Zone 2	\$1,430.00 (I)	1LPSA
Zone 3	\$1,430.00 (I)	1LPSA

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(b) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel System (1 DS3 Capacity)

Mileage Band 0-8  
 Per Mile

ALL STATES

	<u>Month to Month Rates</u>	<u>USOC</u>
Zone 1	\$130.00 (I)	1LPEB
Zone 2	\$130.00 (I)	1LPEB
Zone 3	\$130.00 (I)	1LPEB

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(c) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel System (1 DS3 Capacity)

Mileage Band 9-25  
 Fixed, per System

ALL STATES

Nonrecurring Charge

USOC

\$190.00

1LPSB

Month to Month Rates

USOC

Zone 1

\$1,600.00 (I)

1LPSB

Zone 2

\$1,600.00 (I)

1LPSB

Zone 3

\$1,600.00 (I)

1LPSB

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(d) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel System (1 DS3 Capacity)

Mileage Band 9-25  
 Per Mile

ALL STATES

	<u>Month to Month Rates</u>	<u>USOC</u>
Zone 1	\$130.00 (I)	1LPEC
Zone 2	\$130.00 (I)	1LPEC
Zone 3	\$130.00 (I)	1LPEC

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(e) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel System (1 DS3 Capacity)

Mileage Band 26+  
 Fixed, per System

	<u>ALL STATES</u>	
	<u>Nonrecurring Charge</u>	<u>USOC</u>
	\$190.00	1LPSC
	<u>Month to Month Rates</u>	<u>USOC</u>
Zone 1	\$1,870.00	1LPSC
Zone 2	\$1,870.00	1LPSC
Zone 3	\$1,870.00	1LPSC

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(f) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel System (1 DS3 Capacity)

Mileage Band 26+  
 Per Mile

ALL STATES

	<u>Month to Month Rates</u>	<u>USOC</u>
Zone 1	\$130.00	1LPED
Zone 2	\$130.00	1LPED
Zone 3	\$130.00	1LPED

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(g) LightGate 0C-3 service (a.k.a. BellSouth SPA Point to Point Network 0C-3 capacity) System

Mileage Band 0-8  
 Fixed, per System

ALL STATES

	Nonrecurring Charge	<u>USOC</u>	
	\$190.00	1LPS4	
		<u>USOC</u>	
	Month to Month		
Zone 1	\$2310.00	1LPS4	(I)
Zone 2	\$2310.00	1LPS4	(I)
Zone 3	\$2310.00	1LPS4	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(h) LightGate 0C-3 service (a.k.a. BellSouth SPA Point to Point Network 0C-3 capacity) System

Mileage Band 0-8  
 Per Mile

ALL STATES

	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$ 248.00	1LPE4	(I)
Zone 2	\$ 248.00	1LPE4	(I)
Zone 3	\$ 248.00	1LPE4	(I)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(i) LightGate 0C-3 service (a.k.a. BellSouth SPA Point to Point Network 0C-3 capacity) System

Mileage Band 9-25  
 Fixed, per System

ALL STATES

	Nonrecurring Charge	<u>USOC</u>	
	\$190.00	1LPS5	
	Month to Month Rates	<u>USOC</u>	
Zone 1	\$2860.00	1LPS5	(I)
Zone 2	\$2860.00	1LPS5	(I)
Zone 3	\$2860.00	1LPS5	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(j) LightGate service (a.k.a. BellSouth SPA Point to Point Network 0C-3 capacity) System

Mileage Band 9-25  
 Per Mile

ALL STATES

	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$ 248.00	1LPE5	(I)
Zone 2	\$ 248.00	1LPE5	(I)
Zone 3	\$ 248.00	1LPE5	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(k) LightGate 0C-3 service (a.k.a. BellSouth SPA Point to Point Network 0C-3 capacity) System

Mileage Band 26+  
 Fixed, per System

ALL STATES

	Nonrecurring Charge	<u>USOC</u>	
	\$190.00	1LPS7	
	<u>Month to Month Rates</u>	<u>USOC</u>	
Zone 1	\$3960.00	1LPS7	(I)
Zone 2	\$3960.00	1LPS7	(I)
Zone 3	\$3960.00	1LPS7	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service

(1) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity) System

Mileage Band 26+  
 Per Mile

ALL STATES

	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$248.00	1LPE7	(I)
Zone 2	\$248.00	1LPE7	(I)
Zone 3	\$248.00	1LPE7	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(m) LightGate 0C-12 service (a.k.a. BellSouth SPA Point to Point Network 0C-12 capacity) System

Mileage Band 0-8  
 Fixed, per System

ALL STATES

	Nonrecurring Charge	<u>USOC</u>	
	\$190.00	1LPSD	
	Month to Month Rates	<u>USOC</u>	
Zone 1	\$ 4400.00	1LPSD	(I)
Zone 2	\$ 4400.00	1LPSD	(I)
Zone 3	\$ 4400.00	1LPSD	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(n) LightGate 0C-12 service (a.k.a. BellSouth SPA Point to Point Network 0C-12 capacity) System

Mileage Band 0-8  
 Per Mile

ALL STATES

	<u>Month to Month Rates</u>	<u>USOC</u>	
Zone 1	\$ 440.00	1LP EE	(I)
Zone 2	\$ 440.00	1LP EE	(I)
Zone 3	\$ 440.00	1LP EE	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(o) LightGate 0C-12 service (a.k.a. BellSouth SPA Point to Point Network 0C-12 capacity) System

Mileage Band 9-25  
 Fixed, per System

ALL STATES

	Nonrecurring Charge	<u>USOC</u>	
	\$190.00	1LPSE	
	Month to Month Rates	<u>USOC</u>	
Zone 1	\$ 6050.00	1LPSE	(I)
Zone 2	\$ 6050.00	1LPSE	(I)
Zone 3	\$ 6050.00	1LPSE	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(p) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity) System

Mileage Band 9-25  
 Per Mile

ALL STATES

	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$ 440.00	1LPEF	(I)
Zone 2	\$ 440.00	1LPEF	(I)
Zone 3	\$ 440.00	1LPEF	(I)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(q) LightGate 0C-12 service (a.k.a. BellSouth SPA Point to Point Network 0C-12 capacity) System

Mileage Band 26+  
 Fixed, per System

ALL STATES

	Nonrecurring Charge	<u>USOC</u>	
	\$190.00	1LPSF	
	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$ 7920.00	1LPSF	(I)
Zone 2	\$ 7920.00	1LPSF	(I)
Zone 3	\$ 7920.00	1LPSF	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Interoffice Channel

(r) LightGate 0C-12 service (a.k.a. BellSouth SPA Point to Point  
 Network 0C-12 capacity) System

Mileage Band 26+  
 Per Mile

ALL STATES

	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$ 440.00	1LPEG	(I)
Zone 2	\$ 440.00	1LPEG	(I)
Zone 3	\$ 440.00	1LPEG	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(s) LightGate 0C-48 service (a.k.a. BellSouth SPA Point to Point Network 0C-48 capacity) System

Mileage Band 0-8  
 Fixed, per System

ALL STATES

	Nonrecurring Charge	<u>USOC</u>	
	\$190.00	1LPSG	
	Month to Month Rates	<u>USOC</u>	
Zone 1	\$ 8580.00	1LPSG	(I)
Zone 2	\$ 8580.00	1LPSG	(I)
Zone 3	\$ 8580.00	1LPSG	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Interoffice Channel

(t) LightGate 0C-48 service (a.k.a. BellSouth SPA Point to  
 Point Network 0C-48 capacity) System

Mileage Band 0-8  
 Per Mile

ALL STATES

	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$ 660.00	1LPEJ	(I)
Zone 2	\$ 660.00	1LPEJ	(I)
Zone 3	\$ 660.00	1LPEJ	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Interoffice Channel

(u) LightGate 0C-48 service (a.k.a. BellSouth SPA Point to  
 Point Network 0C-48 capacity) System

Mileage Band 9-25  
 Fixed, per System

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>	
	\$190.00	1LPSH	
	<u>Month to Month Rates</u>	<u>USOC</u>	
Zone 1	\$ 9570.00	1LPSH	(I)
Zone 2	\$ 9570.00	1LPSH	(I)
Zone 3	\$ 9570.00	1LPSH	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(v) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity) System

ALL STATES

Mileage Band 9-25  
 Per Mile

	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$ 660.00	1LPEK	(I)
Zone 2	\$ 660.00	1LPEK	(I)
Zone 3	\$ 660.00	1LPEK	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(w) LightGate 0C-48 service (a.k.a. BellSouth SPA Point to Point Network 0C-48 capacity) System

Mileage Band 26+  
 Fixed, per System

ALL STATES

	Nonrecurring Charge	<u>USOC</u>	
	\$190.00	1LPSJ	
	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$11,000.00	1LPSJ	(I)
Zone 2	\$11,000.00	1LPSJ	(I)
Zone 3	\$11,000.00	1LPSJ	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service

(x) LightGate 0C-48 service (a.k.a. BellSouth SPA Point to Point Network 0C-48 capacity) System

ALL STATES

Mileage Band 26+ Per Mile	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$ 660.00	1LPEL	(I)
Zone 2	\$ 660.00	1LPEL	(I)
Zone 3	\$ 660.00	1LPEL	(I)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(y) LightGate 0C-192 service (a.k.a. BellSouth SPA Point to Point Network 0C-192 capacity) System

Mileage Band 0-8  
 Fixed, per System

ALL STATES

	Nonrecurring Charge	<u>USOC</u>	
	\$190.00	1LPLG	
	Month to Month Rates	<u>USOC</u>	
Zone 1	\$ 20,900.00	1LPLG	(I)
Zone 2	\$ 20,900.00	1LPLG	(I)
Zone 3	\$ 20,900.00	1LPLG	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(z) LightGate 0C-192 service (a.k.a. BellSouth SPA Point to Point Network 0C-192 capacity) System

ALL STATES

Mileage Band 0-8  
 Per Mile

Month  
 to  
 Month  
Rates

USOC

Zone 1	\$ 660.00	1LPLG	(I)
Zone 2	\$ 660.00	1LPLG	(I)
Zone 3	\$ 660.00	1LPLG	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Interoffice Channel

(aa) LightGate 0C-192 service (a.k.a. BellSouth SPA Point to Point  
 Network 0C-192 capacity) System

Mileage Band 9-25  
 Fixed, per System

ALL STATES

Nonrecurring Charge	<u>USOC</u>
\$190.00	1LPLG

Month to Month <u>Rates</u>	<u>USOC</u>
--------------------------------------	-------------

Zone 1	\$ 21,890.00	1LPLG	(I)
Zone 2	\$ 21,890.00	1LPLG	(I)
Zone 3	\$ 21,890.00	1LPLG	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Interoffice Channel

(ab) LightGate 0C-192 service (a.k.a. BellSouth SPA Point to Poi  
 Network 0C-192 capacity) System

ALL STATES

Mileage Band 9-25  
 Per Mile

Month  
 to  
 Month  
Rates

USOC

Zone 1	\$ 660.00	1LPLG	(I)
Zone 2	\$ 660.00	1LPLG	(I)
Zone 3	\$ 660.00	1LPLG	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Interoffice Channel

(ac) LightGate 0C-192 service (a.k.a. BellSouth SPA Point to  
 Point Network 0C-192 capacity) System

Mileage Band 26+  
 Fixed, per System

ALL STATES

	Nonrecurring Charge	<u>USOC</u>	
	\$190.00	1LPLG	
	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$ 24,200.00	1LPLG	(I)
Zone 2	\$ 24,200.00	1LPLG	(I)
Zone 3	\$ 24,200.00	1LPLG	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Interoffice Channel

(ad) LightGate 0C-192 service (a.k.a. BellSouth SPA Point to Point  
 Network 0C-192 capacity) System

Mileage Band 26+  
 Per Mile

ALL STATES

	Month to Month <u>Rates</u>	<u>USOC</u>	
Zone 1	\$ 660.00	1LPLG	(I)
Zone 2	\$ 660.00	1LPLG	(I)
Zone 3	\$ 660.00	1LPLG	(I)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Interoffice Channel

(ae) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
Synchronous System Channel Interfaces

Central Office Channel Interfaces	<u>ALL STATES</u>		
	<u>Nonrecurring Charge</u>	<u>Month to Month Rates</u>	<u>USOC</u>
Per DS1	\$170.00	\$24.00 (I)	1PQE8
Per DS3	\$180.00	\$115.00 (I)	1PQE3
Per STS-1	\$200.00	\$175.00 (I)	1PQE4
Per OC-3 (2 Fiber)	\$200.00	\$240.00 (I)	1PQE5
(4 Fiber)	\$200.00	\$425.00 (I)	1PQE6
Per OC-12 (2 Fiber)	\$360.00	\$640.00 (I)	1PQEE
(4 Fiber)	\$400.00	\$1,280.00 (I)	1PQED
Per OC-48 (2 Fiber)	\$500.00	\$1,600.00 (I)	1PQEO
(4 Fiber)	\$500.00	\$3,200.00 (I)	1PQEF
Per STS-1 Channel System	\$290.00	\$600.00 (I)	1PQE7
Per OC-3 Channel System	\$350.00	\$1,325.00 (I)	1PQEB
Per OC-12 Channel System	\$300.00	\$2,650.00 (I)	1PQ12
Per OC-48 Channel System	\$300.00	\$5,490.00 (I)	1PQ48
Per 28 DS1 Channel System	\$290.00	\$600.00 (I)	MQ3C1
Per DS1	\$170.00	\$15.00 (I)	1PQE1

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Interoffice Channel

(af) LightGate service (a.k.a. BellSouth SPA Point to Point Network)  
 Synchronous System Channel Interfaces

<u>Central Office Channel Interfaces</u>	<u>ALL STATES</u>		
	<u>Nonrecurring Charge</u>	<u>Month to Month Rates</u>	<u>USOC</u>
Per 10 Mbps	\$400.00	\$500.00	1PQEL
Per 100 Mbps	\$400.00	\$540.00	1PQEL
Per Fractional 1000 Mbps			
- 50 Mbps	\$400.00	\$520.00	1PQEL
- 150 Mbps	\$400.00	\$560.00	1PQEL
- 300 Mbps	\$400.00	\$600.00	1PQEL
- 450 Mbps	\$400.00	\$640.00	1PQEL
- 600 Mbps	\$400.00	\$700.00	1PQEL
-1000 Mbps <sup>1</sup>	\$300.00	\$740.00	1PQEK
Per OC-192 Channel System <sup>2</sup>	\$1,000.00	\$10,000.00	1PQ92

Note 1: Available only for systems installed on or after September 30, 2003, that do not contain an Optical Customer Termination or an Optical Serving Wire Center Termination.

Note 2: Available only for use with the OC-192 WaveGate Channel associated with BellSouth Wavelength Channel Service as described in Section 29.

(D)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(ag) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network 1 DS3 Capacity) Interoffice Channel System

Mileage Band 0-8  
Fixed, per System

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$975.00	\$775.00	\$625.00	1LPSA
Zone 2	\$975.00	\$775.00	\$625.00	1LPSA
Zone 3	\$975.00	\$775.00	\$625.00	1LPSA

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(ah) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network 1 DS3 Capacity) Interoffice Channel System

Mileage Band 0-8  
Per Mile

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$70.00	\$60.00	\$50.00	1LPEB
Zone 2	\$70.00	\$60.00	\$50.00	1LPEB
Zone 3	\$70.00	\$60.00	\$50.00	1LPEB

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(ai) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network 1 DS3 Capacity) Interoffice Channel System

Mileage Band 9-25  
Fixed, per System

ALL STATES

	Transport Payment Plan Rates <sup>(1) (2)</sup>			(C)
	Plan A	Plan B	Plan C	
	12 to 36	37 to 60	61 to 96	
	Months	Months	Months	
	<u>Per Month Rates</u>			<u>USOC</u>
Zone 1	\$1,125.00	\$925.00	\$775.00	1LPSB
Zone 2	\$1,125.00	\$925.00	\$775.00	1LPSB
Zone 3	\$1,125.00	\$925.00	\$775.00	1LSPB

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(aj) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network 1 DS3 Capacity) Interoffice Channel System

Mileage Band 9-25  
 Per Mile

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C) <u>USOC</u>
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	12 to 36	37 to 60	61 to 96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$70.00	\$60.00	\$50.00	1LPEC
Zone 2	\$70.00	\$60.00	\$50.00	1LPEC
Zone 3	\$70.00	\$60.00	\$50.00	1LPEC

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
 (N)  
 (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(ak) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network 1 DS3 Capacity) Interoffice Channel System

Mileage Band 26+  
Fixed, per System

ALL STATES

	Transport Payment Plan Rates <sup>(1) (2)</sup>			(C)
	Plan A	Plan B	Plan C	
	12 to 36	37 to 60	61 to 96	
	Months	Months	Months	
	<u>Per Month Rates</u>			<u>USOC</u>
Zone 1	\$1,325.00	\$1,125.00	\$925.00	1LPSC
Zone 2	\$1,325.00	\$1,125.00	\$925.00	1LPSC
Zone 3	\$1,325.00	\$1,125.00	\$925.00	1LPSC

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing Bellsouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(al) LightGate STS-1 service (a.k.a. BellSouth SPA Point to Point Network 1 DS3 Capacity) Interoffice Channel System

Mileage Band 26+  
Per Mile

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$70.00	\$60.00	\$50.00	1LPED
Zone 2	\$70.00	\$60.00	\$50.00	1LPED
Zone 3	\$70.00	\$60.00	\$50.00	1LPED

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(am) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity)

Mileage Band 0-8  
Fixed, per System

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$1,475.00	\$1,225.00	\$1,025.00	1LPS4
Zone 2	\$1,475.00	\$1,225.00	\$1,025.00	1LPS4
Zone 3	\$1,475.00	\$1,225.00	\$1,025.00	1LPS4

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(an) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity)

Mileage Band 0-8  
Per Mile

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	Plan A 12 to 36 <u>Months</u>	Plan B 37 to 60 <u>Months</u>	Plan C 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$155.00	\$140.00	\$125.00	1LPE4
Zone 2	\$155.00	\$140.00	\$125.00	1LPE4
Zone 3	\$155.00	\$140.00	\$125.00	1LPE4

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(ao) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity)

Mileage Band 9-25  
Fixed, per System

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	<u>USOC</u>
<u>Per Month Rates</u>				
Zone 1	\$2,150.00	\$2,000.00	\$1,900.00	1LPS5
Zone 2	\$2,150.00	\$2,000.00	\$1,900.00	1LPS5
Zone 3	\$2,150.00	\$2,000.00	\$1,900.00	1LPS5

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(ap) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity)

Mileage Band 9-25  
Per Mile

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$155.00	\$140.00	\$125.00	1LPE5
Zone 2	\$155.00	\$140.00	\$125.00	1LPE5
Zone 3	\$155.00	\$140.00	\$125.00	1LPE5

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(aq) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity)

Mileage Band 26+  
Fixed, per System

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$3,150.00	\$2,900.00	\$2,700.00	1LPS7
Zone 2	\$3,150.00	\$2,900.00	\$2,700.0	1LPS7
Zone 3	\$3,150.00	\$2,900.00	\$2,700.00	1LPS7

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
|  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(ar) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network OC-3 capacity)

Mileage Band 26+  
Per Mile

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$155.00	\$140.00	\$125.00	1LPE7
Zone 2	\$155.00	\$140.00	\$125.00	1LPE7
Zone 3	\$155.00	\$140.00	\$125.00	1LPE7

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
|  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(as) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity)

Mileage Band 0-8  
Fixed, per System

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>Plan A</u> 12 to 36 Months	<u>Plan B</u> 37 to 60 Months	<u>Plan C</u> 61 to 96 Months	
	<u>Per Month Rates</u>			
Zone 1	\$3,135.00	\$3,000.00	\$2,700.00	1LPSD
Zone 2	\$3,135.00	\$3,000.00	\$2,700.00	1LPSD
Zone 3	\$3,135.00	\$3,000.00	\$2,700.00	1LPSD

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(at) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity)

Mileage Band 0-8  
Per Mile

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$304.00	\$290.00	\$260.00	1LPEE
Zone 2	\$304.00	\$290.00	\$260.00	1LPEE
Zone 3	\$304.00	\$290.00	\$260.00	1LPEE

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(au) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity)

Mileage Band 9-25  
Fixed, per System

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$4,560.00	\$4,500.00	\$4,200.00	1LPSE
Zone 2	\$4,560.00	\$4,500.00	\$4,200.00	1LPSE
Zone 3	\$4,560.00	\$4,500.00	\$4,200.00	1LPSE

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(av) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity)

Mileage Band 9-25  
Per Mile

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$304.00	\$ 290.00	\$260.00	1LPEF
Zone 2	\$304.00	\$ 290.00	\$260.00	1LPEF
Zone 3	\$304.00	\$ 290.00	\$260.00	1LPEF

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(aw) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity)

Mileage Band 26+  
Fixed, per System

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$6,175.00	\$6,200.00	\$5,900.00	1LPSF
Zone 2	\$6,175.00	\$6,200.00	\$5,900.00	1LPSF
Zone 3	\$6,175.00	\$6,200.00	\$5,900.00	

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(ax) LightGate OC-12 service (a.k.a. BellSouth SPA Point to Point Network OC-12 capacity)

Mileage Band 26+  
Per Mile

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$304.00	\$290.00	\$260.00	1LPEG
Zone 2	\$304.00	\$290.00	\$260.00	1LPEG
Zone 3	\$304.00	\$290.00	\$260.00	1LPEG

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(ay) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity)

Mileage Band 0-8  
Fixed, per System

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(c)
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$6,175.00	\$5,800.00	\$5,200.00	1LPSG
Zone 2	\$6,175.00	\$5,800.00	\$5,200.00	1LPSG
Zone 3	\$6,175.00	\$5,800.00	\$5,200.00	1LPSG

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
|  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(az) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity)

Mileage Band 0-8  
Per Mile

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$475.00	\$450.00	\$400.00	1LPEJ
Zone 2	\$475.00	\$450.00	\$400.00	1LPEJ
Zone 3	\$475.00	\$450.0	\$400.00	1LPEJ

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(ba) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity)

Mileage Band 9-25  
Fixed, per System

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	Plan A 12 to 36 <u>Months</u>	Plan B 37 to 60 <u>Months</u>	Plan C 61 to 96 <u>Months</u>	<u>USOC</u>
<u>Per Month Rates</u>				
Zone 1	\$6,935.00	\$6,700.00	\$6,100.00	1LPSH
Zone 2	\$6,935.00	\$6,700.00	\$6,100.00	1LPSH
Zone 3	\$6,935.00	\$6,700.00	\$6,100.00	1LPSH

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bb) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity)

Mileage Band 9-25  
Per Mile

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	Plan A 12 to 36 <u>Months</u>	Plan B 37 to 60 <u>Months</u>	Plan C 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$475.00	\$450.00	\$400.00	1LPEK
Zone 2	\$475.00	\$450.00	\$400.00	1LPEK
Zone 3	\$475.0	\$450.00	\$400.00	1LPEK

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
|  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bc) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity)

Mileage Band 26+  
Fixed, per System

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	<u>USOC</u>
<u>Per Month Rates</u>				
Zone 1	\$8,170.00	\$7,900.00	\$7,100.00	1LPSJ
Zone 2	\$8,170.00	\$7,900.00	\$7,100.00	1LPSJ
Zone 3	\$8,170.00	\$7,900.00	\$7,100.00	1LPSJ

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bd) LightGate OC-48 service (a.k.a. BellSouth SPA Point to Point Network OC-48 capacity)

Mileage Band 26+  
Per Mile

ALL STATES

Transport Payment Plan Rates<sup>(1) (2)</sup>

(C)

	Plan A 12 to 36 <u>Months</u>	Plan B 37 to 60 <u>Months</u>	Plan C 61 to 96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$475.00	\$450.00	\$400.00	1LPEL
Zone 2	\$475.00	\$450.00	\$400.00	1LPEL
Zone 3	\$475.00	\$450.00	\$400.00	1LPEL

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

(N)  
(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(be) LightGate OC-192 service (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity)

Mileage Band 0-8  
Fixed, per System

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	12 to 36	37 to 60	61 to 96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$15,675.00	\$14,800.00	\$13,500.00	1LPLG
Zone 2	\$15,675.00	\$14,800.00	\$13,500.00	1LPLG
Zone 3	\$15,675.00	\$14,800.00	\$13,500.00	1LPLG

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bf) LightGate OC-192 service (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity)

Mileage Band 0-8  
Per Mile

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$475.00	\$450.00	\$400.00	1LPLG
Zone 2	\$475.00	\$450.00	\$400.00	1LPLG
Zone 3	\$475.00	\$450.00	\$400.00	1LPLG

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bg) LightGate OC-192 service (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity)

Mileage Band 9-25  
Fixed, per System

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>Plan A</u> 12 to 36 <u>Months</u>	<u>Plan B</u> 37 to 60 <u>Months</u>	<u>Plan C</u> 61 to 96 <u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$16,055.00	\$15,200.00	\$13,700.00	1LPLG
Zone 2	\$16,055.00	\$15,200.00	\$13,700.00	1LPLG
Zone 3	\$16,055.00	\$15,200.00	\$13,700.00	1LPLG

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bh) LightGate OC-192 service (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity)

Mileage Band 9-25  
Per Mile

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	<u>12 to 36</u>	<u>37 to 60</u>	<u>61 to 96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$475.00	\$450.00	\$400.00	1LPLG
Zone 2	\$475.00	\$450.00	\$400.00	1LPLG
Zone 3	\$475.00	\$450.00	\$400.00	1LPLG

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bi) LightGate OC-192 service (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity)

Mileage Band 26+  
Fixed, per System

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	12 to 36	37 to 60	61 to 96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$17,765.00	\$16,800.00	\$15.100.00	1LPLG
Zone 2	\$17,765.00	\$16,800.00	\$15.100.00	1LPLG
Zone 3	\$17,765.00	\$16,800.00	\$15.100.00	1LPLG

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bj) LightGate OC-192 service (a.k.a. BellSouth SPA Point to Point Network OC-192 capacity)

Mileage Band 26+  
Per Mile

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>	
	12 to 36	37 to 60	61 to 96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$475.00	\$450.00	\$400.00	1LPLG
Zone 2	\$475.00	\$450.00	\$400.00	1LPLG
Zone 3	\$475.00	\$450.00	\$400.00	1LPLG

<sup>(1)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bk) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Synchronous System Channel Interfaces

	Non-Recurring Charge	ALL STATES			USOC	(C)
		Transport Payment Plan Rates <sup>(2) (3)</sup>				
		Plan A	Plan B	Plan C		
		12 to 36 Months	37 to 60 Months	61 to 96 Months		
		Per Month Rates				
Central Office Channel Interfaces						
Per DS1	\$170.00	\$20.00	\$17.00	\$15.00	1PQE8	
Per DS3	\$180.00	\$95.00	\$90.00	\$85.00	1PQE3	
Per STS-1	\$200.00	\$140.00	\$130.00	\$120.00	1PQE4	
Per OC-3 (2 Fiber)	\$200.00	\$190.00	\$175.00	\$160.00	1PQE5	
(4 Fiber)	\$200.00	\$330.00	\$300.00	\$270.00	1PQE6	
Per OC-12 (2 Fiber)	\$360.00	\$495.00	\$450.00	\$405.00	1PQEE	
(4 Fiber)	\$400.00	\$990.00	\$900.00	\$810.00	1PQED	
Per OC-48 (2 Fiber)	\$500.00	\$1,325.00	\$1,215.00	\$1,050.00	1PQEO	
(4 Fiber)	\$500.00	\$2,650.00	\$2,430.00	\$2,100.00	1PQEF	
Per OC-3 Channel System	N/A	\$1,100.00	\$1,000.00	\$900.00	1PQEB	
Per 28 DS1 Channel System	N/A	\$490.00	\$465.00	\$450.00	MQ3C1	
Per DS1	\$170.00	\$8.00	\$7.00	\$6.00	1PQE1	
Per STS-1 Channel System	N/A	\$490.00	\$465.00	\$450.00	1PQE7	
Per OC-12 Channel System	N/A	\$2,200.00	\$2,000.00	\$1,800.00	1PQ12	
Per OC-48 Channel System	N/A	\$4,410.00	\$4,050.00	\$3,510.00	1PQ48	
Per OC-192 Channel System <sup>1</sup>	N/A	\$8,300.00	\$7,600.00	\$6,600.00	1PQ92	

<sup>(1)</sup> Available only for use with the OC-192 WaveGate Channel associated with BellSouth Wavelength Channel Service as described in Section 29.

<sup>(2)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(3)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bl) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Synchronous System Channel Interfaces

ALL STATES

	Non-Recurring Charge	Transport Payment Plan Rates <sup>(2) (3)</sup>			USOC	(C)
		Plan A	Plan B	Plan C		
		12 to 36 Months	37 to 60 Months	61 to 96 Months		
<u>Per Month Rates</u>						
<u>Central Office Channel Interfaces (Cont'd)</u>						
Per 10 Mbps	\$400.00	\$175.00	\$155.00	\$140.00	1PQEL	
Per 100 Mbps	\$400.00	\$210.00	\$190.00	\$170.00	1PQEL	
Per Fractional 1000 Mbps						
- 50 Mbps	\$400.00	\$190.00	\$170.00	\$150.00	1PQEL	
- 150 Mbps	\$400.00	\$230.00	\$210.00	\$190.00	1PQEL	
- 300 Mbps	\$400.00	\$300.00	\$280.00	\$260.00	1PQEL	
- 450 Mbps	\$400.00	\$340.00	\$310.00	\$290.00	1PQEL	
- 600 Mbps	\$400.00	\$380.00	\$340.00	\$320.00	1PQEL	
-1000 Mbps <sup>(1)</sup>	\$300.00	\$520.00	\$475.00	\$425.00	1PQEK	

<sup>(1)</sup> Available only for systems installed on or after September 30, 2003, that do not contain an Optical Customer Termination or an Optical Serving Wire Center Termination.

<sup>(2)</sup> All term plans for LightGate service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after January 22, 2016.

<sup>(3)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

(B) Interoffice Channel

(5) LightGate service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

(bm) LightGate OC-3 service (a.k.a. BellSouth SPA Point to Point Network) Interoffice Channel

ALL STATES

	Non-Recurring Charge	Channel Services Payment Plan Rates <sup>(1) (2)</sup>			USOC	(C)
		Plan A	Plan B	Plan C		
		24 to 48 Months	49 to 72 Months	73 to 96 Months		
		<u>Per Month Rates</u>				
Mileage Band 0-8 Fixed, per System	N/A	\$1,475.00	\$1,225.00	\$1,025.00	1LPS4	
Per mile	N/A	\$155.00	\$140.00	\$125.00	1LPE4	
Mileage Band 9-25 Fixed, per System	N/A	\$2,150.00	\$2,000.00	\$1,900.00	1LPS5	
Per mile	N/A	\$155.00	\$140.00	\$125.00	1LPE5	
Mileage Band 26+ Fixed, per System	N/A	\$3,150.00	\$2,900.00	\$2,700.00	1LPS7	
Per mile	N/A	\$155.00	\$140.00	\$125.00	1LPE7	
Central Office Channel Interfaces Per OC-3 (2 Fiber)	\$200.00	\$190.00	\$175.00	\$160.00	1PQE5	
Per OC-3 Channel Systems	N/A	\$1,100.00	\$1,000.00	\$900.00	1PQEB	
Per DS1	\$170.00	\$20.00	\$17.00	\$15.00	1PQE8	
Per DS3	\$180.00	\$95.00	\$90.00	\$85.00	1PQE3	
Per STS-1	\$200.00	\$140.00	\$130.00	\$120.00	1PQE4	
Per 28 DS1 Channel Systems	N/A	\$490.00	\$465.00	\$450.00	MQ3C1	
Per DS1	\$170.00	\$8.00	\$7.00	\$6.00	1PQE1	

(1) As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
|  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

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

7.5.10 Message Station Equipment Recovery Charge

	<u>USOC</u>	<u>Monthly Rate</u>
-Per Special Access (a.k.a. BellSouth SPA) Surcharge Assessed -ALL STATES	UTM	\$ 2.71

7.5.11 Special Access (a.k.a. BellSouth SPA) Surcharge

	<u>USOC</u>	<u>Monthly Rate</u>
Special Access (a.k.a. BellSouth SPA) Surcharge -Per Voice Grade (a.k.a. BellSouth SPA DS0 VG) Equivalent	S25	\$25.00

7.5.12 Transfer of Service

	<u>USOC</u>	<u>Nonrecurring Charges</u>
-Per Billing Account Number	NRBPA	\$ 30.00
-Per Circuit	NRBPC	5.00

7.5.13 Reserved for Future Use

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

- (1) Local Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(a) Per Local Channel	\$500.00	1HVXX
	<u>Month-to-Month</u>	
(b) Per quarter air mile		
Zone 1	\$80.75	1HVXX
Zone 2	\$80.75	1HVXX
Zone 3	\$80.75	1HVXX

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(2) Alternate Central Office Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>	
(a) Per Alternate C.O. Channel	\$500.00	1HAXX	
			<u>Month-to-Month</u>
(b) Per quarter air mile			
Zone 1	\$1000.00	1HAXX	(R)
Zone 2	\$1000.00	1HAXX	(R)
Zone 3	\$1000.00	1HAXX	(R)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(a) Per Channel	\$190.00	1HXFX
	<u>Month-to-Month</u>	
(b) Fixed, OC-3 Capacity		
Zone 1	\$45.00	1HXFX
Zone 2	\$45.00	1HXFX
Zone 3	\$45.00	1HXFX

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

ALL STATES

	<u>Month-to-Month</u>	<u>USOC</u>
(c) Fixed, OC-3+, OC-12, OC-48 or OC-48+ Capacity		
Zone 1	\$158.00	1HXFX
Zone 2	\$158.00	1HXFX
Zone 3	\$158.00	1HXFX

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

ALL STATES

	<u>Month-to-Month</u>	<u>USOC</u>
(d) Fixed, OC-192 or OC-192+ Capacity		
Zone 1	\$770.00	1HXFX
Zone 2	\$770.00	1HXFX
Zone 3	\$770.00	1HXFX

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

ALL STATES

	<u>Month-to-Month</u>	<u>USOC</u>
(d) Per quarter air mile, OC-3 Capacity		
Zone 1	\$34.85	1HXFX
Zone 2	\$34.85	1HXFX
Zone 3	\$38.13	1HXFX



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
(Per Channel - All capacities except OC-1)

ALL STATES

	<u>Month-to-Month</u>	<u>USOC</u>	
(e)			(D)
			(D)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

ALL STATES

	<u>Month-to-Month</u>	<u>USOC</u>
(f) Per quarter air mile, OC-3+, OC-12, OC-48 or OC-48+ Capacity		
Zone 1	\$42.50	1HXFX
Zone 2	\$42.50	1HXFX
Zone 3	\$46.50	1HXFX

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

ALL STATES

	<u>Month-to-Month</u>	<u>USOC</u>
(f) Per quarter air mile, OC-192 or OC-192+ Capacity		
Zone 1	\$42.50	1HXFX
Zone 2	\$42.50	1HXFX
Zone 3	\$46.50	1HXFX

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(4) Interoffice Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

ALL STATES

Nonrecurring Charge

USOC

(a) Per Internodal  
 Channel, Same Wire  
 Center area, Per  
 quarter air mile

\$500.00

1HNXX

Month-to-Month

Zone 1	\$2000.00	1HNXX	(R)
Zone 2	\$2000.00	1HNXX	(R)
Zone 3	\$2000.00	1HNXX	(R)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(4) Internodal Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>	
(b) Per Internodal Channel, Same Office Park/Campus Environment in Contiguous Serving Wire Center areas, Per quarter air mile	\$500.00	1HNZX	
		<u>Month-to-Month</u>	
Zone 1	\$2500.00	1HNZX	(R)
Zone 2	\$2500.00	1HNZX	(R)
Zone 3	\$2500.00	1HNZX	(R)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(a) OC-1 Capacity	\$360.00	SHNC4
	<u>Month-to-Month</u>	
Zone 1	\$720.00	SHNC4
Zone 2	\$720.00	SHNC4
Zone 3	\$720.00	SHNC4

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(b) OC-3 Capacity	\$435.00	SHNC3
	<u>Month-to-Month</u>	
Zone 1	\$1980.00	SHNC3
Zone 2	\$1980.00	SHNC3
Zone 3	\$1980.00	SHNC3

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

	<u>ALL STATES</u>		
	<u>Nonrecurring Charge</u>		<u>USOC</u>
(c) OC-3+ Capacity	\$435.00		SHNN5
		<u>Month-to-Month</u>	
Zone 1		\$2700.00	SHNN5
Zone 2		\$2700.00	SHNN5
Zone 3		\$2700.00	SHNN5



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

	<u>ALL STATES</u>		<u>USOC</u>
	<u>Nonrecurring Charge</u>		
		<u>Month-to-Month</u>	
(d) OC-12 Capacity	\$455.00		SHNC1
Zone 1		\$3060.00	SHNC1
Zone 2		\$3060.00	SHNC1
Zone 3		\$3060.00	SHNC1

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

ALL STATES

Nonrecurring Charge

USOC

(e)

(D)

(D)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

ALL STATES

(f) OC-48 Capacity	<u>Nonrecurring Charge</u>		<u>USOC</u>
	\$455.00	<u>Month-to-Month</u>	SHNN8
Zone 1		\$5220.00	SHNN8
Zone 2		\$5220.00	SHNN8
Zone 3		\$5220.00	SHNN8

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

ALL STATES

Nonrecurring Charge

USOC

(g) OC-48+ Capacity

\$455.00

SHNN9

Month-to-Month

Zone 1

\$5850.00

SHNN9

Zone 2

\$5850.00

SHNN9

Zone 3

\$5850.00

SHNN9

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

ALL STATES

		<u>Month-to-Month</u>	<u>USOC</u>
(h) OC-192 Capacity			
	<u>Nonrecurring Charge</u>		
	\$540.00		SHNN6
Zone 1		\$25000.00	SHNN6
Zone 2		\$25000.00	SHNN6
Zone 3		\$25000.00	SHNN6

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

ALL STATES

(i) OC-192+ Capacity

	<u>Nonrecurring Charge</u>	
	\$540.00	SHNN2
Zone 1	\$25000.00	SHNN2
Zone 2	\$25000.00	SHNN2
Zone 3	\$25000.00	SHNN2

Certain material appearing on this page previously appeared on 3<sup>rd</sup> Revised Page 7-152.2.32.

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(6) Customer Channel Interface (Per Customer Node)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>Month-to-Month</u>	<u>USOC</u>	
(a) Per DS1	\$210.00	\$ 35.00	SHNBB	
(b) Per DS3	\$150.00	\$ 170.00	SHNZT	
(c) Per STS-1	\$195.00	\$ 220.00	SHN13	
(d) Per OC-1	\$200.00	\$ 100.00	SHN1C	
(e) Per OC-3				
- 2 Fiber	\$190.00	\$ 240.00	SHN1D	
- 4 Fiber	\$190.00	\$ 475.00	SHN15	
(f) Per OC-12				
- 2 Fiber	\$200.00	\$ 715.00	SHN1F	
- 4 Fiber	\$200.00	\$1430.00	SHN19	
(g) Per OC-48				
- 2 Fiber	\$420.00	\$1600.00	SHN1A	
- 4 Fiber	\$420.00	\$3200.00	SHN1B	
(h) Per OC-192				
- 2 Fiber	\$1600.00	\$ 7500.00	SHNE1	(N)
- 4 Fiber	\$1600.00	\$15000.00	SHNE2	(N)
(i) Per DS1 within an STS-1 Asymmetrical Arrangement <sup>1</sup>	\$330.00	\$25.00	SHNBS	(T)
(j) Per DS3 (Asymmetrical with DS1) <sup>2</sup>	\$360.00	\$550.00	SHN1T	(T)

Note 1: The DS1 within an STS-1 Asymmetrical Arrangement interface rate element applies in lieu of the STS-1 interface for the higher level termination of an asymmetrical arrangement when the lower level interface is a DS1.

Note 2: The DS3 (Asymmetrical with DS1) interface allows a customer to aggregate DS1s originating from multiple nodes on a ring into a single DS3 interface at a designated node.

A DS3 (Asymmetrical with DS1) interface has the capacity to aggregate 28 DS1s. The DS3 (Asymmetrical with DS1) may interface at an OC-12, OC-48 or OC-192 node with a Flex DS1 interface.

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
 (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(6) Customer Channel Interface (Per Customer Node)

	<u>ALL STATES</u>			
	<u>Nonrecurring Charge</u>	<u>Month-to-Month</u>	<u>USOC</u>	
(k) Per 10 Mbps	\$400.00	\$500.00	SHN1L	(T)
(l) Per 100 Mbps	\$400.00	\$540.00	SHN1L	(T)
(m) Per Flex DS1	\$275.00	\$35.00	SHN1Q	(T)
(n) Per Fractional 1000 Mbps				(T)
- 50 Mbps	\$400.00	\$520.00	SHN1L	
- 150 Mbps	\$400.00	\$560.00	SHN1L	
- 300 Mbps	\$400.00	\$600.00	SHN1L	
- 450 Mbps	\$400.00	\$640.00	SHN1L	
- 600 Mbps	\$400.00	\$700.00	SHN1L	
-1000 Mbps <sup>1</sup>	\$300.00	\$740.00	SHN1K	

Note 1: Available on rings installed on or after September 30, 2003.



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ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges7.5.14 Self-healing Rings(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)(6) Customer Channel Interface (Per Customer Node)ALL STATES

	<u>Nonrecurring Charge</u>	<u>Month-to-Month</u>	<u>USOC</u>
Per 100 Mbps (1 STS-1) BellSouth Metro Ethernet Backbone	\$850.00	\$500.00	SHN1J
Per 100 Mbps (3 STS-1) BellSouth Metro Ethernet Backbone	850.00	540.00	SHN33
Per 1000 Mbps BellSouth Metro Ethernet Backbone	850.00	740.00	SHN34
Per Fractional 1000 Mbps Metro Ethernet Backbone			
- 150 Mbps (3 STS-1)	400.00	560.00	SHN35
- 300 Mbps (6 STS-1)	400.00	600.00	SHN36
- 450 Mbps (9 STS-1)	400.00	640.00	SHN37
- 600 Mbps (12 STS-1)	400.00	700.00	SHN38
Per Fibre Connection (FICON™)	500.00	810.00	SHNBA
Per Fibre Connection (FICON™) Express	520.00	1,280.00	SHNBA
Per Fibre Channel 100	500.00	830.00	SHNBA
Per Fibre Channel 200	520.00	1,360.00	SHNBA

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(a) OC-1 Capacity	\$340.00	SHNH4
		<u>Month to Month</u>
Zone 1	\$540.00	SHNH4
Zone 2	\$540.00	SHNH4
Zone 3	\$540.00	SHNH4

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(b) OC-3 Capacity	\$405.00	SHNH3
		<u>Month to Month</u>
Zone 1	\$1260.00	SHNH3
Zone 2	\$1260.00	SHNH3
Zone 3	\$1260.00	SHNH3

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(c) 0C-3+ Capacity	\$405.00	SHNH5
		<u>Month to Month</u>
Zone 1	\$2250.00	SHNH5
Zone 2	\$2250.00	SHNH5
Zone 3	\$2250.00	SHNH5

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(d) 0C-12 Capacity	\$455.00	SHNH1
		<u>Month to Month</u>
Zone 1	\$2340.00	SHNH1
Zone 2	\$2340.00	SHNH1
Zone 3	\$2340.00	SHNH1

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(e) 0C-24 Capacity	\$465.00	SHNH2
		<u>Month to Month</u>
Zone 1	\$6000.00	SHNH2
Zone 2	\$6000.00	SHNH2
Zone 3	\$6000.00	SHNH2

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
 (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(f) 0C-48 Capacity	\$450.00	SHNH8

Month to Month

Zone 1	\$4860.00	SHNH8
Zone 2	\$4860.00	SHNH8
Zone 3	\$4860.00	SHNH8

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

ALL STATES

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(g) 0C-48+ Capacity	\$450.00	SHNH9
		<u>Month to Month</u>
Zone 1	\$5490.00	SHNH9
Zone 2	\$5490.00	SHNH9
Zone 3	\$5490.00	SHNH9



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(h) 0C-192 Capacity

ALL STATES

Nonrecurring Charge

\$540.00

SHNH7

Zone 1	\$25000.00	SHNH7
Zone 2	\$25000.00	SHNH7
Zone 3	\$25000.00	SHNH7

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(i) 0C-192+ Capacity

ALL STATES

Nonrecurring Charge  
\$540.00

USOC  
SHNH6

Month-to-Month

Zone 1	\$25000.00	SHNH6
Zone 2	\$25000.00	SHNH6
Zone 3	\$25000.00	SHNH6

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(j) OC-3 Shared Node Interconnection

ALL STATES

	<u>Nonrecurring Charge</u>	<u>Month to Month</u>	<u>USOC</u>
Zone 1	\$550.00	\$980.00	SHNHE
Zone 2	550.00	980.00	SHNHE
Zone 3	550.00	980.00	SHNHE

(k) OC-12 Shared Node Interconnection

Zone 1	550.00	1820.00	SHNHE
Zone 2	550.00	1820.00	SHNHE
Zone 3	550.00	1820.00	SHNHE

(l) OC-48 Shared Node Interconnection

Zone 1	550.00	3400.00	SHNHE
Zone 2	550.00	3400.00	SHNHE
Zone 3	550.00	3400.00	SHNHE

(m) OC-48+ Shared Node Interconnection

Zone 1	550.00	3840.00	SHNHE
Zone 2	550.00	3840.00	SHNHE
Zone 3	550.00	3840.00	SHNHE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service a.k.a. BellSouth SPA Dedicated Ring)

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

ALL STATES

	<u>Nonrecurring Charge</u>	<u>Month-to-Month</u>	<u>USOC</u>
(a) Per DS1	\$135.00	\$ 35.00	SHNCB
(b) Per DS3	\$200.00	\$ 115.00	SHNYT
(c) Per STS-1	\$235.00	\$ 150.00	SHN02
(d) Per OC-1	\$250.00	\$ 100.00	SHNCC
(e) Per OC-3			
- 2 Fiber	\$175.00	\$ 240.00	SHNCD
- 4 Fiber	\$175.00	\$ 425.00	SHN04
(f) Per OC-12			
- 2 Fiber	\$180.00	\$ 640.00	SHNCF
- 4 Fiber	\$180.00	\$1280.00	SHNC9
(g) Per OC-48			
- 2 Fiber	\$650.00	\$1600.00	SHNCJ
- 4 Fiber	\$650.00	\$3200.00	SHNCK
(h) Per OC-192			
- 2 Fiber	\$1600.00	\$7500.00 (I)	SHNE3
- 4 Fiber	\$1600.00	\$15000.00 (I)	SHNE4
(i) Per 28 DS1 Channel System			
- DS3	\$220.00	\$ 650.00	SHNW8
- STS-1	\$200.00	\$ 750.00	SHNCS
(j) Per DS1 on 28 DS1 Channel System			
- DS3	\$200.00	\$ 12.00	SHNCA
- STS-1	\$135.00	\$ 40.00	SHNCG

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

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

<u>ALL STATES</u>				
	<u>Nonrecurring Charge</u>	<u>Month-to-Month</u>	<u>USOC</u>	
(k) Per DS1 within an STS-1 Asymmetrical Arrangement <sup>1</sup>	\$360.00	\$25.00	SHNCH	(T)
(l) Per DS3 (Asymmetrical with DS1) <sup>2</sup>	\$400.00	\$550.00	SHNCT	(T)
(m) Per 10 Mbps <sup>3</sup>	\$400.00	\$500.00	SHNCL	(T)
(n) Per 100 Mbps <sup>3</sup>	\$400.00	\$540.00	SHNCL	(T)
(o) Per Flex DS1	\$160.00	\$35.00	SHNCQ	(T)
(p) Per Fractional 1000 Mbps <sup>3</sup>				(T)
- 50 Mbps	\$400.00	\$520.00	SHNCL	
- 150 Mbps	\$400.00	\$560.00	SHNCL	
- 300 Mbps	\$400.00	\$600.00	SHNCL	
- 450 Mbps	\$400.00	\$640.00	SHNCL	
- 600 Mbps	\$400.00	\$700.00	SHNCL	
-1000 Mbps	\$300.00	\$740.00	SHNCW	

Note 1: The DS1 within an STS-1 Asymmetrical Arrangement interface rate element applies in lieu of the STS-1 interface for the higher level termination of an asymmetrical arrangement when the lower level interface is a DS1.

Note 2: The DS3 (Asymmetrical with DS1) interface allows a customer to aggregate DS1s originating from multiple nodes on a ring into a single DS3 interface at a designated node.

A DS3 (Asymmetrical with DS1) interface has the capacity to aggregate 28 DS1s. The DS3 (Asymmetrical with DS1) may interface at an OC-12, OC-48 or OC-192 node with a Flex DS1 interface.

Note 3: Interface availability is dependant upon equipment capability.

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ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

## 7.5 Rates and Charges

## 7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)(8) Central Office Channel Interface (Per Central Office Node)ALL STATES

	<u>Nonrecurring Charge</u>	<u>Month-to-Month</u>	<u>USOC</u>
Per 100 Mbps (1 STS-1) BellSouth Metro Ethernet Backbone	\$800.00	\$500.00	SHNOJ
Per 100 Mbps (3 STS-1) BellSouth Metro Ethernet Backbone	800.00	540.00	SHNCX
Per 1000 Mbps BellSouth Metro Ethernet Backbone	800.00	740.00	SHNC5
Per Fractional 1000 Mbps Metro Ethernet Backbone			
- 150 Mbps (3 STS-1)	400.00	560.00	SHND5
- 300 Mbps (6 STS-1)	400.00	600.00	SHND6
- 450 Mbps (9 STS-1)	400.00	640.00	SHND7
- 600 Mbps (12 STS-1)	400.00	700.00	SHND8
Per Fibre Connection (FICON™)	500.00	810.00	SHNDA
Per Fibre Connection (FICON™) Express	520.00	1,280.00	SHNDA
Per Fibre Channel 100	500.00	830.00	SHNDA
Per Fibre Channel 200	520.00	1,360.00	SHNDA

FICON is a registered trademark of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(1) Local Channel Mileage Rates  
(Per Channel - All capacities except 0C-1)

(a) Per quarter air mile

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$59.50	\$54.40	\$49.30	1HVXX
Zone 2	\$59.50	\$54.40	\$49.30	1HVXX
Zone 3	\$59.50	\$54.40	\$49.30	1HVXX

(1) All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(2) Alternate Central Office Channel Mileage Rates  
(Per Channel - All capacities except 0C-1)

(a) Per quarter air mile

	<u>ALL STATES</u>			
	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	A	B	C	
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$175.00	\$150.00	\$125.00	1HAXX
Zone 2	\$175.00	\$150.00	\$125.00	1HAXX
Zone 3	\$175.00	\$150.00	\$125.00	1HAXX

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
(Per Channel - All capacities except 0C-1)

(a) Fixed, 0C-3 Capacity

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	<u>USOC</u>
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$36.00	\$32.00	\$27.00	1HXFX
Zone 2	\$36.00	\$32.00	\$27.00	1HXFX
Zone 3	\$36.00	\$32.00	\$27.00	1HXFX

(1) All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
(Per Channel - All capacities except 0C-1)

(b) Fixed, 0C-3+, 0C-12, 0C-48 or 0C-48+ Capacity

ALL STATES

	Transport Payment Plan Rates <sup>(1)2)</sup>			(C)
	A	B	C	
	12-36 Months	37-60 Months	61-96 Months	
	<u>Per Month Rates</u>			<u>USOC</u>
Zone 1	\$161.00	\$144.00	\$134.00	1HXFX
- Vintage Rate*	\$140.00	\$126.00	\$117.00	1HXFX
Zone 2	\$161.00	\$144.00	\$134.00	1HXFX
- Vintage Rate*	\$140.00	\$126.00	\$117.00	1HXFX
Zone 3	\$161.00	\$144.00	\$134.00	1HXFX
- Vintage Rate*	\$140.00	\$126.00	\$117.00	1HXFX

\* Rate in effect prior to July 3, 2001.

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
(Per Channel - All capacities except 0C-1)

(c) Fixed, 0C-192 or 0C-192+ Capacity

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$635.00	\$610.00	\$590.00	1HXFX
Zone 2	\$635.00	\$610.00	\$590.00	1HXFX
Zone 3	\$635.00	\$610.00	\$590.00	1HXFX

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
(Per Channel - All capacities except 0C-1)

(d) Per quarter air mile, 0C-3 Capacity

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	A	B	C	
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$25.50	\$17.85	\$13.60	1HXFX
Zone 2	\$25.50	\$17.85	\$13.60	1HXFX
Zone 3	\$27.90	\$19.53	\$14.88	1HXFX

(1) All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
(Per Channel - All capacities except 0C-1)

(e) Per quarter air mile, 0C-3+, 0C-12, 0C-48 or 0C-48+ Capacity

ALL STATES

	<u>Transport Payment Plan Rates<sup>(1) (2)</sup></u>			(C)
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$28.90	\$22.95	\$17.85	1HXFX
Zone 2	\$28.90	\$22.95	\$17.85	1HXFX
Zone 3	\$31.62	\$25.11	\$19.53	1HXFX

(1) All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
(Per Channel - All capacities except 0C-1)

(f) Per quarter air mile, OC-192 or OC-192+ Capacity

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	A	B	C	
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$28.90	\$22.95	\$17.85	1HXFX
Zone 2	\$28.90	\$22.95	\$17.85	1HXFX
Zone 3	\$31.62	\$25.11	\$19.53	1HXFX

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(4) Internodal Channel Mileage Rates  
(Per Channel - All capacities except 0C-1)

(a) Per Internodal Channel, Same Wire Center area  
Per quarter air mile

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>12-36</u> <u>Months</u>	<u>37-60</u> <u>Months</u>	<u>61-96</u> <u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$690.00	\$415.00	\$345.00	1HNXX
Zone 2	\$690.00	\$415.00	\$345.00	1HNXX
Zone 3	\$690.00	\$415.00	\$345.00	1HNXX

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

- (4) Internodal Channel Mileage Rates  
(Per Channel - All capacities except 0C-1)
- (b) Per Internodal Channel, Same Office Park/Campus Environment  
in Contiguous Serving Wire Center areas  
Per quarter air mile

ALL STATES

Transport Payment Plan Rates

	A	B <sup>(2)</sup>	C <sup>(1) (2)</sup>	
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$780.00	\$465.00	\$390.00	1HNZX
Zone 2	\$780.00	\$465.00	\$390.00	1HNZX
Zone 3	\$780.00	\$465.00	\$390.00	1HNZX

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

(a) 0C-1 Capacity

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	A	B	C	
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$360.00	\$315.00	\$270.00	SHNC4
Zone 2	\$360.00	\$315.00	\$270.00	SHNC4
Zone 3	\$360.00	\$315.00	\$270.00	SHNC4

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

(b) 0C-3 Capacity

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	A	B	C	
	<u>12-36</u> <u>Months</u>	<u>37-60</u> <u>Months</u>	<u>61-96</u> <u>Months</u>	
	<u>Per Month Rates</u>			<u>USOC</u>
Zone 1	\$890.00	\$810.00	\$700.00	SHNC3
Zone 2	\$890.00	\$810.00	\$700.00	SHNC3
Zone 3	\$890.00	\$810.00	\$700.00	SHNC3

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
 (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

(c) 0C-3+ Capacity

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$1660.00	\$1418.00	\$1215.00	SHNN5
Zone 2	\$1660.00	\$1418.00	\$1215.00	SHNN5
Zone 3	\$1660.00	\$1418.00	\$1215.00	SHNN5

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

(d) 0C-12 Capacity

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	A	B	C	
	<u>12-36</u> <u>Months</u>	<u>37-60</u> <u>Months</u>	<u>61-96</u> <u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$1782.00	\$1620.00	\$1418.00	SHNC1
Zone 2	\$1782.00	\$1620.00	\$1418.00	SHNC1
Zone 3	\$1782.00	\$1620.00	\$1418.00	SHNC1

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

(e) 0C-48 Capacity

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$3970.00	\$3645.00	\$3160.00	SHNN8
Zone 2	\$3970.00	\$3645.00	\$3160.00	SHNN8
Zone 3	\$3970.00	\$3645.00	\$3160.00	SHNN8

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

(f) 0C-48+ Capacity

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$3970.00	\$3645.00	\$3160.00	SHNN9
Zone 2	\$3970.00	\$3645.00	\$3160.00	SHNN9
Zone 3	\$3970.00	\$3645.00	\$3160.00	SHNN9

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

(g) 0C-192 Capacity

	<u>ALL STATES</u>			
	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$9375.00	\$8250.00	\$7300.00	SHNN6
Zone 2	\$9375.00	\$8250.00	\$7300.00	SHNN6
Zone 3	\$9375.00	\$8250.00	\$7300.00	SHNN6

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments, LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

(h) 0C-192+ Capacity

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	A	B	C	
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	<u>USOC</u>
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$9375.00	\$8250.00	\$7300.00	SHNN2
Zone 2	\$9375.00	\$8250.00	\$7300.00	SHNN2
Zone 3	\$9375.00	\$8250.00	\$7300.00	SHNN2

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)



7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(6) Customer Channel Interface (Per Customer Node)

ALL STATES

	<u>Non-Recurring Charge</u>	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			<u>USOC</u>
		<u>A</u>	<u>B</u>	<u>C</u>	
		<u>12-36 Months</u>	<u>37-60 Months</u>	<u>61-96 Months</u>	
		<u>Per Month Rates</u>			
(a) Per DS1	\$ 0.00	\$ 34.00	\$ 27.00	\$21.00	SHNBB
- Vintage Rate*	-	\$ 30.00	\$ 25.00	\$20.00	SHNBB
(b) Per DS3	\$ 0.00	\$85.00	\$80.00	\$75.00	SHNZT
(c) Per STS-1	\$ 0.00	\$170.00	\$150.00	\$140.00	SHN13
(d) Per OC-1	\$ 0.00	\$ 90.00	\$ 80.00	\$ 75.00	SHN1C
(e) Per OC-3					
- 2 Fiber	\$ 0.00	\$170.00	\$150.00	\$140.00	SHN1D
- 4 Fiber	\$ 0.00	\$340.00	\$300.00	\$280.00	SHN15
(f) Per OC-12					
- 2 Fiber	\$ 0.00	\$484.00	\$446.00	\$408.00	SHN1F
- 4 Fiber	\$ 0.00	\$969.00	\$893.00	\$816.00	SHN19
(g) Per OC-48					
- 2 Fiber	\$ 0.00	\$1325.00	\$1215.00	\$1050.00	SHN1A
- 4 Fiber	\$ 0.00	\$2650.00	\$2430.00	\$2100.00	SHN1B
(h) Per OC-192					
- 2 Fiber	\$ 0.00	\$4800.00	\$3300.00	\$2850.00	SHNE1
- 4 Fiber	\$ 0.00	\$9600.00	\$6600.00	\$5700.00	SHNE2

\* Rate in effect prior to December 2, 1997.

(1) All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(6) Customer Channel Interface (Per Customer Node)

<u>ALL STATES</u>						
	<u>Non- Recurring Charge</u>	<u>Transport Payment Plan Rates</u> <sup>(4) (5)</sup>			<u>USOC</u>	(C)
		<u>A</u>	<u>B</u>	<u>C</u>		
		<u>12-36 Months</u>	<u>37-60 Months</u>	<u>61-96 Months</u>		
<u>Per Month Rates</u>						
(i) Per DS1 within an STS-1 Asymmetrical Arrangement <sup>(1)</sup>	\$ 0.00	\$22.00	\$20.00	\$18.00	SHNBS	
(j) Per DS3 (Asymmetrical with DS1) <sup>(2)</sup>	\$ 0.00	\$450.00	\$400.00	\$350.00	SHN1T	
(k) Per 10 Mbps <sup>(3)</sup>	\$ 0.00	\$175.00	\$155.00	\$140.00	SHN1L	
(l) Per 100 Mbps <sup>(3)</sup>	\$ 0.00	\$210.00	\$190.00	\$170.00	SHN1L	
(m) Per Flex DS1	\$ 0.00	\$34.00	\$27.00	\$21.00	SHN1Q	
(n) Per Fractional 1000 Mbps <sup>(3)</sup>						
- 50 Mbps	\$ 0.00	\$190.00	\$170.00	\$150.00	SHN1L	
- 150 Mbps	\$ 0.00	\$230.00	\$210.00	\$190.00	SHN1L	
- 300 Mbps	\$ 0.00	\$300.00	\$280.00	\$260.00	SHN1L	
- 450 Mbps	\$ 0.00	\$340.00	\$310.00	\$290.00	SHN1L	
- 600 Mbps	\$ 0.00	\$380.00	\$340.00	\$320.00	SHN1L	
-1000 Mbps	\$ 0.00	\$520.00	\$475.00	\$425.00	SHN1K	

<sup>(1)</sup> The DS1 within an STS-1 Asymmetrical Arrangement interface rate element applies in lieu of the STS-1 interface for the higher level termination of an asymmetrical arrangement when the lower level interface is a DS1.

<sup>(2)</sup> The DS3 (Asymmetrical with DS1) interface allows a customer to aggregate DS1s originating from multiple nodes on a ring into a single DS3 interface at a designated node.  
A DS3 (Asymmetrical with DS1) interface has the capacity to aggregate 28 DS1s. The DS3 (Asymmetrical with DS1) may interface at an OC-12, OC-48 or OC-192 node with a Flex DS1 interface.

<sup>(3)</sup> Interface availability is dependant upon equipment capability.

<sup>(4)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(5)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for LightGate (N)  
BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(6) Customer Channel Interface (Per Customer Node)

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>				<u>USOC</u>
	<u>Non-Recurring Charge</u>	<u>A</u>	<u>B</u>	<u>C</u>	
		<u>12-36 Months</u>	<u>37-60 Months</u>	<u>61-96 Months</u>	
		<u>Per Month Rates</u>			
Per 100 Mbps (1 STS-1) BellSouth Metro Ethernet Backbone	\$0.00	\$175.00	\$155.00	\$140.00	SHN1J
Per 100 Mbps (3 STS-1) BellSouth Metro Ethernet Backbone	0.00	210.00	190.00	170.00	SHN33
Per 1000 Mbps BellSouth Metro Ethernet Backbone	0.00	520.00	475.00	425.00	SHN34
Per Fractional 1000 Mbps BellSouth Metro Ethernet Backbone					
-150 Mbps (3 STS-1)	0.00	230.00	210.00	190.00	SHN35
-300 Mbps (6 STS-1)	0.00	300.00	280.00	260.00	SHN36
-450 Mbps (9 STS-1)	0.00	340.00	310.00	290.00	SHN37
-600 Mbps (12 STS-1)	0.00	380.00	340.00	320.00	SHN38
Per Fibre Connection (FICON™)	0.00	570.00	520.00	470.00	SHNBA
Per Fibre Connection (FICON™) Express	0.00	1,060.00	970.00	840.00	SHNBA
Per Fibre Channel 100	0.00	580.00	530.00	480.00	SHNBA
Per Fibre Channel 200	0.00	1,130.00	1,030.00	890.00	SHNBA

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(a) OC-1 Capacity

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	A 12-36 Months	B 37-60 Months	C 61-96 Months	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$360.00	\$315.00	\$270.00	SHNH4
Zone 2	\$360.00	\$315.00	\$270.00	SHNH4
Zone 3	\$360.00	\$315.00	\$270.00	SHNH4

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(b) OC-3 Capacity

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	<u>A</u>	<u>B</u>	<u>C</u>	<u>USOC</u>
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$890.00	\$810.00	\$700.00	SHNH3
Zone 2	\$890.00	\$810.00	\$700.00	SHNH3
Zone 3	\$890.00	\$810.00	\$700.00	SHNH3

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(c) 0C-3+ Capacity

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>

Per Month Rates

Zone 1	\$1660.00	\$1418.00	\$1215.00	SHNH5
Zone 2	\$1660.00	\$1418.00	\$1215.00	SHNH5
Zone 3	\$1660.00	\$1418.00	\$1215.00	SHNH5

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(d) 0C-12 Capacity

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	A	B	C	
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>

Per Month Rates

Zone 1	\$1782.00	\$1620.00	\$1418.00	SHNH1
Zone 2	\$1782.00	\$1620.00	\$1418.00	SHNH1
Zone 3	\$1782.00	\$1620.00	\$1418.00	SHNH1

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(e) OC-48 Capacity

ALL STATES

	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup>			(C)
	<u>A</u>	<u>B</u>	<u>C</u>	
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>

Per Month Rates

Zone 1	\$3970.00	\$3645.00	\$3160.00	SHNH8
Zone 2	\$3970.00	\$3645.00	\$3160.00	SHNH8
Zone 3	\$3970.00	\$3645.00	\$3160.00	SHNH8

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(f) 0C-48+ Capacity

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	<u>A</u> 12-36 <u>Months</u>	<u>B</u> 37-60 <u>Months</u>	<u>C</u> 61-96 <u>Months</u>	<u>USOC</u>
	<u>Per Month Rates</u>			
Zone 1	\$3970.00	\$3645.00	\$3160.00	SHNH9
Zone 2	\$3970.00	\$3645.00	\$3160.00	SHNH9
Zone 3	\$3970.00	\$3645.00	\$3160.00	SHNH9

(1) All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(g) 0C-192 Capacity

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	<u>A</u>	<u>B</u>	<u>C</u>	
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>

Per Month Rates

Zone 1	\$9375.00	\$8250.00	\$7300.00	SHNH7
Zone 2	\$9375.00	\$8250.00	\$7300.00	SHNH7
Zone 3	\$9375.00	\$8250.00	\$7300.00	SHNH7

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(h) 0C-192+ Capacity

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	<u>A</u>	<u>B</u>	<u>C</u>	
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>

Per Month Rates

Zone 1	\$9375.00	\$8250.00	\$7300.00	SHNH6
Zone 2	\$9375.00	\$8250.00	\$7300.00	SHNH6
Zone 3	\$9375.00	\$8250.00	\$7300.00	SHNH6

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate Bellsouth SPA Point to Point Network and SMARTRing Bellsouth SPA Dedicated Ring. (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

(i) OC-3 Shared Node Interconnection

ALL STATES

Transport Payment Plan Rates <sup>(1) (2)</sup> (C)

	A	B	C	<u>USOC</u>
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Zone 1	\$690.00	\$630.00	\$570.00	SHNHE
Zone 2	690.00	630.00	570.00	SHNHE
Zone 3	690.00	630.00	570.00	SHNHE

(j) OC-12 Shared Node Interconnection

Zone 1	1390.00	1260.00	1100.00	SHNHE
Zone 2	1390.00	1260.00	1100.00	SHNHE
Zone 3	1390.00	1260.00	1100.00	SHNHE

(k) OC-48 Shared Node Interconnection

Zone 1	2880.00	2840.00	2460.00	SHNHE
Zone 2	2880.00	2840.00	2460.00	SHNHE
Zone 3	2880.00	2840.00	2460.00	SHNHE

(l) OC-48+ Shared Node Interconnection

Zone 1	2880.00	2840.00	2460.00	SHNHE
Zone 2	2880.00	2840.00	2460.00	SHNHE
Zone 3	2880.00	2840.00	2460.00	SHNHE

(1) All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, (N)  
including any renewals, extensions or conversions of existing term commitments for (N)  
LightGate BellSouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)

7 - Special Access (BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

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

ALL STATES

	Non-Recurring Charge	Transport Payment Plan Rates <sup>(1) (2)</sup> (C)			USOC
		A	B	C	
		12-36 Months	37-60 Months	61-96 Months	
		Per Month Rates			
(a) Per DS1	\$ 0.00	\$ 30.00	\$ 25.00	\$ 20.00	SHNCB
(b) Per DS3	\$ 0.00	\$ 85.00	\$ 80.00	\$ 75.00	SHNYT
(c) Per STS-1	\$ 0.00	\$105.00	\$100.00	\$ 90.00	SHN02
(d) Per OC-1	\$ 0.00	\$ 90.00	\$ 80.00	\$ 75.00	SHNCC
(e) Per OC-3					
- 2 Fiber	\$ 0.00	\$170.00	\$150.00	\$140.00	SHNCD
- 4 Fiber	\$ 0.00	\$320.00	\$280.00	\$260.00	SHN04
(f) Per OC-12					
- 2 Fiber	\$ 0.00	\$420.00	\$382.00	\$344.00	SHNCF
- 4 Fiber	\$ 0.00	\$841.00	\$765.00	\$688.00	SHNC9
(g) Per OC-48					
- 2 Fiber	\$ 0.00	\$1325.00	\$1215.00	\$1050.00	SHNCJ
- 4 Fiber	\$ 0.00	\$2650.00	\$2430.00	\$2100.00	SHNCK
(h) Per OC-192					
- 2 Fiber	\$ 0.00	\$4800.00	\$3300.00	\$2850.00	SHNE3
- 4 Fiber	\$ 0.00	\$9600.00	\$6600.00	\$5700.00	SHNE4
(i) Per 28 DS1 Channel System					
- DS3	N/A	\$500.00	\$450.00	\$400.00	SHNW8
- STS-1	N/A	\$650.00	\$600.00	\$575.00	SHNCS
(j) Per DS1 on 28 DS1 Channel System					
- DS3	\$ 0.00	\$12.00	\$9.00	\$7.00	SHNCA
- Vintage Rate*	-	\$ 8.00	\$7.00	\$6.00	SHNCA
- STS-1	\$ 0.00	\$35.00	\$30.00	\$25.00	SHNCG

\* Rate in effect prior to December 2, 1997.

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments, LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

7 - Special Access (BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

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

ALL STATES

	<u>Non- Recurring Charge</u>	<u>Transport Payment Plan Rates <sup>(3) (4)</sup> (C)</u>			<u>USOC</u>
		<u>A 12-36 Months</u>	<u>B 37-60 Months</u>	<u>C 61-96 Months</u>	
		<u>Per Month Rates</u>			
(k) Per DS1 within an STS-1 Asymmetrical Arrangement <sup>(1)</sup>	\$ 0.00	\$22.00	\$20.00	\$18.00	SHNCH
(l) Per DS3 (Asymmetrical with DS1) <sup>(2)</sup>	\$ 0.00	\$450.00	\$400.00	\$350.00	SHNCT

<sup>(1)</sup> The DS1 within an STS-1 Asymmetrical Arrangement interface rate element applies in lieu of the STS-1 interface for the higher level termination of an asymmetrical arrangement when the lower level interface is a DS1.

<sup>(2)</sup> The DS3 (Asymmetrical with DS1) interface allows a customer to aggregate DS1s originating from multiple nodes on a ring into a single DS3 interface at a designated node. A DS3 (Asymmetrical with DS1) interface has the capacity to aggregate 28 DS1s. The DS3 (Asymmetrical with DS1) may interface at an OC-12, OC-48 or OC-192 node with a Flex DS1 interface.

<sup>(3)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(4)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

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

ALL STATES

		<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup> (C)				
		<u>Non-Recurring Charge</u>	<u>A 12-36 Months</u>	<u>B 37-60 Months</u>	<u>C 61-96 Months</u>	<u>USOC</u>
			<u>Per Month Rates</u>			
(l)	Per 10 Mbps	\$ 0.00	\$175.00	\$155.00	\$140.00	SHNCL
(m)	Per 100 Mbps	\$ 0.00	\$210.00	\$190.00	\$170.00	SHNCL
(n)	Per Flex DS1	\$ 0.00	\$30.00	\$25.00	\$20.00	SHNCQ
(o)	Per Fractional 1000 Mbps					
	- 50 Mbps	\$ 0.00	\$190.00	\$170.00	\$150.00	SHNCL
	- 150 Mbps	\$ 0.00	\$230.00	\$210.00	\$190.00	SHNCL
	- 300 Mbps	\$ 0.00	\$300.00	\$280.00	\$260.00	SHNCL
	- 450 Mbps	\$ 0.00	\$340.00	\$310.00	\$290.00	SHNCL
	- 600 Mbps	\$ 0.00	\$380.00	\$340.00	\$320.00	SHNCL
	-1000 Mbps	\$0.00	\$520.00	\$475.00	\$425.00	SHNCW

(1) All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(2) Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring.

ACCESS SERVICE

7 - Special Access (BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

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

ALL STATES

	<u>Non-Recurring Charge</u>	<u>Transport Payment Plan Rates</u> <sup>(1) (2)</sup> (C)			<u>USOC</u>
		<u>A</u> 12-36 <u>Months</u>	<u>B</u> 37-60 <u>Months</u>	<u>C</u> 61-96 <u>Months</u>	
<u>Per Month Rates</u>					
Per 100 Mbps (1 STS-1) BellSouth Metro Ethernet Backbone	\$ 0.00	\$175.00	\$155.00	\$140.00	SHNOJ
Per 100 Mbps (3 STS-1) BellSouth Metro Ethernet Backbone	0.00	210.00	190.00	170.00	SHNCX
Per 1000 Mbps BellSouth Metro Ethernet Backbone	0.00	520.00	475.00	425.00	SHNC5
Per Fractional 1000 Mbps BellSouth Metro Ethernet Backbone					
-150 Mbps (3 STS-1)	0.00	230.00	210.00	190.00	SHND5
-300 Mbps (6 STS-1)	0.00	300.00	280.00	260.00	SHND6
-450 Mbps (9 STS-1)	0.00	340.00	310.00	290.00	SHND7
-600 Mbps (12 STS-1)	0.00	380.00	340.00	320.00	SHND8
Per Fibre Connection (FICON™)	0.00	570.00	520.00	470.00	SHNDA
Per Fibre Connection (FICON™) Express	0.00	1,060.00	970.00	840.00	SHNDA
Per Fibre Channel 100	0.00	580.00	530.00	480.00	SHNDA
Per Fibre Channel 200	0.00	1,130.00	1,030.00	890.00	SHNDA

FICON™ is a registered trademark of the International Business Machines (IBM) Corporation, Armonk. NJ 10504.

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

<sup>(2)</sup> Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments for LightGate Bellsouth SPA Point to Point Network and SMARTRing BellSouth SPA Dedicated Ring. (N)  
(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(1) Local Channel Mileage Rates  
(Per Channel - All capacities except OC-1)

ALL STATES

	<u>Channel Services Payment Plan Rates<sup>1</sup></u> (T)			
	<u>Nonrecurring</u>		<u>USOC</u>	
- Per Local Channel	\$500.00		1HVXX	
	<u>Recurring</u>			
	<u>A</u>	<u>B</u>	<u>C</u>	<u>USOC</u>
	<u>24-48</u>	<u>49-72</u>	<u>73-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
- Per first quarter air mile	\$75.00	\$66.00	\$61.00	1HVXX
- Per additional quarter air mile	\$75.00	\$66.00	\$61.00	1HV1X

(2) Alternate Central Office Channel Mileage Rates  
(Per Channel - All capacities except OC-1)

	<u>Nonrecurring</u>		<u>USOC</u>	
- Per Alternate C.O. Channel	\$500.00		1HAXX	
	<u>Recurring</u>			
	<u>A</u>	<u>B</u>	<u>C</u>	<u>USOC</u>
	<u>24-48</u>	<u>49-72</u>	<u>73-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
- Per first quarter air mile	\$280.00	\$175.00	\$140.00	1HAXX
- Per additional quarter air mile	\$280.00	\$175.00	\$140.00	1HA1X

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements. (T)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA)

(3) Interoffice Channel Mileage Rates  
(Per Channel - All capacities except OC-1)

ALL STATES

	<u>Channel Services Payment Plan Rates<sup>1</sup></u>			
	<u>Nonrecurring</u>			<u>USOC</u>
	<u>\$190.00</u>			<u>1HXFX</u>
(a) Per Channel	<u>Recurring</u>			<u>USOC</u>
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>24-48</u>	<u>49-72</u>	<u>73-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
(b) Fixed, OC-3 Capacity - Vintage Rate*	\$ 36.00 \$ 35.00	\$ 32.00 \$ 30.00	\$ 27.00 \$ 25.00	1HXFX 1HXFX
(c) Fixed, OC-3+ or OC-12 Capacity - Vintage Rate*	\$130.00 \$ 90.00	\$115.00 \$ 80.00	\$105.00 \$ 70.00	1HXFX 1HXFX
(d)				
(e) Fixed, OC-48 or OC-48+ Capacity	\$189.00	\$176.00	\$167.00	1HXFX
(f) Per quarter air mile OC-3 Capacity	\$ 30.00	\$ 22.00	\$ 17.00	1HXFX
(g) Per quarter air mile OC-3+ or OC-12 Capacity	\$ 34.00	\$ 28.00	\$ 22.00	1HXFX

(D)  
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(D)

(D)  
(D)

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
 (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(3) Interoffice Channel Mileage Rates  
 (Per channel - All capacities except OC-1)

ALL STATES

Channel Services Payment Plan Rates<sup>1</sup>

	<u>A</u>	<u>B</u>	<u>C</u>	<u>USOC</u>
	24-48	49-72	73-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
(h)				
(i) Per quarter air mile OC-48 or OC-48+ Capacity	\$ 34.00	\$ 28.00	\$ 22.00	1HXFX

(D)  
|  
(D)

(4) Internodal Channel Mileage Rates  
 (Per Channel - All capacities except OC-1)

	<u>Nonrecurring</u>	<u>USOC</u>
(a) Per Internodal Channel, Same Wire Center area	\$500.00	1HNXX
(b) Per Internodal Channel, Same Office Park/Campus Environment in Contiguous Serving Wire Center areas	\$500.00	1HNZX

(D)  
(D)

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(4) Internodal Channel Mileage Rates  
(Per Channel - All capacities except OC-1)

ALL STATES

Channel Services Payment Plan Rates<sup>1</sup> (T)

	Recurring			USOC
	A	B	C	
	24-48 Months	49-72 Months	73-96 Months	
(c) Per first quarter air mile, Same Wire Center	\$535.00	\$415.00	\$345.00	1HNXX
(d) Per additional quarter air mile, Same Wire Center	\$535.00	\$415.00	\$345.00	1HNAX
(e) Per first quarter air mile, Same Office Park/Campus Environment in contiguous Serving Wire Center areas	\$650.00	\$465.00	\$390.00	1HNZX
(f) Per additional quarter air mile, Same Office Park/ Campus Environment in contiguous Serving Wire Center areas	\$650.00	\$465.00	\$390.00	1HNBX

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP (T)  
arrangements will not be available for SMARTRing installations (T)  
on or after August 23, 1996. New SMARTRing installations on or after (T)  
August 23, 1996, must be ordered under TPP arrangements. SMARTRing (T)  
installations include nodes, channel interfaces and other associated (T)  
rate elements. (T)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(5) Customer Node (Per Customer Node)

ALL STATES

Channel Services Payment Plan Rates<sup>1</sup>

	<u>Nonrecurring</u>		<u>USOC</u>	
	<u>Initial</u>	<u>Subsequent</u>		
(a) OC-1 Capacity	\$ 360.00	\$ 585.00	SHNC4	
(b) OC-3 Capacity	\$ 440.00	\$ 665.00	SHNC3	
(c) OC-3+ Capacity	\$ 440.00	\$ 665.00	SHNN5	
(d) OC-12 Capacity	\$ 465.00	\$ 690.00	SHNC1	
(e)				(D)
(f) OC-48 Capacity	\$ 460.00	\$ 690.00	SHNN8	
(g) OC-48+ Capacity	\$ 460.00	\$ 690.00	SHNN9	

  

	<u>Recurring</u>			<u>USOC</u>	
	<u>A</u>	<u>B</u>	<u>C</u>		
	<u>24-48 Months</u>	<u>49-72 Months</u>	<u>73-96 Months</u>		
(a) OC-1 Capacity	\$ 360.00	\$ 315.00	\$ 270.00	SHNC4	
(b) OC-3 Capacity	\$ 890.00	\$ 810.00	\$ 730.00	SHNC3	
(c) OC-3+ Capacity	\$1660.00	\$1418.00	\$1215.00	SHNN5	
(d) OC-12 Capacity	\$1782.00	\$1620.00	\$1418.00	SHNC1	
(e)					(D) (D) (D)
(f) OC-48 Capacity	\$3970.00	\$3645.00	\$3160.00	SHNN8	
(g) OC-48+ Capacity	\$3970.00	\$3645.00	\$3160.00	SHNN9	

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(6) Customer Channel Interface (Per Customer Node)

ALL STATES

	<u>Channel Services Payment Plan Rates<sup>1</sup></u>		
	<u>Nonrecurring</u>		<u>USOC</u>
	<u>First</u>	<u>Additional</u>	
(a) Per DS1 on OC-1, OC-3, or OC-3+	\$285.00	\$175.00	SHNBB
(b) Per DS3 on OC-3 or OC-3+	\$225.00	\$140.00	SHNZT
(c) Per DS3 on OC-12	\$220.00	\$135.00	SHN12
(d)			(D)
(e) Per DS3 on OC-48 or OC-48+	\$260.00	\$125.00	SHN16
(f) Per STS-1 on OC-1, OC-3, or OC-3+	\$180.00	\$100.00	SHN13
(g) Per STS-1 on OC-12	\$265.00	\$100.00	SHN14
(h) Per STS-1 on OC-48 or OC-48+	\$305.00	\$ 95.00	SHN17
(i) Per OC-1 on OC-12, OC-48 or OC-48+	\$265.00	\$ 95.00	SHN1C
(j) Per OC-3 on OC-12			
-2 Fiber	\$250.00	\$ 95.00	SHN1D
-4 Fiber	\$265.00	\$100.00	SHN15
(k) Per OC-3 on OC-48			
-2 Fiber	\$250.00	\$ 95.00	SHN1E
-4 Fiber	\$265.00	\$ 95.00	SHN18
(l) Per OC-3 on OC-48+			
-2 Fiber	\$250.00	\$ 95.00	SHN1E
(m) Per OC-12 on OC-48			
-2 Fiber	\$275.00	\$ 95.00	SHN1F
-4 Fiber	\$280.00	\$ 95.00	SHN19

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(6) Customer Channel Interface (Per Customer Node)

ALL STATES

Channel Services Payment Plan Rates<sup>1</sup>

	Recurring			USOC
	A	B	C	
	24-48 Months	49-72 Months	73-96 Months	
(a) Per DS1 on OC-1, OC-3 or OC-3+	\$ 30.00	\$ 25.00	\$ 20.00	SHNBB
(b) Per DS3 on OC-3 or OC-3+	\$85.00	\$80.00	\$75.00	SHNZT
(c) Per DS3 on OC-12 -Vintage Rate*	\$85.00 \$70.00	\$80.00 \$70.00	\$75.00 \$70.00	SHN12 SHNDT
(d)				(D) (D)
(e) Per DS3 on OC-48 or OC-48+	\$85.00	\$80.00	\$75.00	SHN16
(f) Per STS-1 on OC-1, OC-3 or OC-3+	\$170.00	\$150.00	\$140.00	SHN13
(g) Per STS-1 on OC-12	\$170.00	\$150.00	\$140.00	SHN14
(h) Per STS-1 on OC-48 or OC-48+	\$170.00	\$150.00	\$140.00	SHN17
(i) Per OC-1 on OC-12, OC-48 or OC-48+	\$ 90.00	\$ 80.00	\$ 75.00	SHN1C

\* Rate in effect prior to August 22, 1994.

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(6) Customer Channel Interface (Per Customer Node)

ALL STATES

	<u>Channel Services Payment Plan Rates<sup>1</sup></u> (T)			
	<u>Recurring</u>			<u>USOC</u>
	<u>A</u>	<u>B</u>	<u>C</u>	
<u>24-48</u> <u>Months</u>	<u>49-72</u> <u>Months</u>	<u>73-96</u> <u>Months</u>		
(j) Per OC-3 on OC-12				
- 2 Fiber	\$ 170.00	\$ 150.00	\$ 140.00	SHN1D
- 4 Fiber	\$ 340.00	\$ 300.00	\$ 280.00	SHN15
(k) Per OC-3 on OC-48				
- 2 Fiber	\$ 170.00	\$ 150.00	\$ 140.00	SHN1E
- 4 Fiber	\$ 340.00	\$ 300.00	\$ 280.00	SHN18
(l) Per OC-3 on OC-48+				
- 2 Fiber	\$ 170.00	\$ 150.00	\$ 140.00	SHN1E
(m) Per OC-12 on OC-48				
- 2 Fiber	\$ 484.00	\$ 446.00	\$ 408.00	SHN1F
- 4 Fiber	\$ 969.00	\$ 893.00	\$ 816.00	SHN19

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP (T)  
arrangements will not be available for SMARTRing installations (T)  
on or after August 23, 1996. New SMARTRing installations on or after (T)  
August 23, 1996, must be ordered under TPP arrangements. SMARTRing (T)  
installations include nodes, channel interfaces and other associated (T)  
rate elements. (T)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
 (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

ALL STATES

Channel Services Payment Plan Rates<sup>1</sup>

	<u>Nonrecurring</u>		<u>USOC</u>
	<u>Initial</u>	<u>Subsequent</u>	
(a) OC-1 Capacity	\$ 340.00	\$ 585.00	SHNH4
(b) OC-3 Capacity	\$ 410.00	\$ 540.00	SHNH3
(c) OC-3+ Capacity	\$ 410.00	\$ 540.00	SHNH5
(d) OC-12 Capacity	\$ 465.00	\$ 660.00	SHNH1
(e)			
(f) OC-48 Capacity	\$ 460.00	\$ 685.00	SHNH8
(g) OC-48+ Capacity	\$ 460.00	\$ 685.00	SHNH9

(D)

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(7) Central Office Node (Per Central Office Node)

ALL STATES

	<u>Channel Services Payment Plan Rates<sup>1</sup></u>			
	<u>Recurring</u>			<u>C</u>
	<u>24-48</u>	<u>A</u>	<u>B</u>	
	<u>Months</u>	<u>49-72</u>	<u>73-96</u>	<u>USOC</u>
		<u>Months</u>	<u>Months</u>	
(a) OC-1 Capacity	\$ 360.00	\$ 315.00	\$ 270.00	SHNH4
(b) OC-3 Capacity	\$ 890.00	\$ 810.00	\$ 730.00	SHNH3
-Vintage rate*	\$ 890.00	\$ 800.00	\$ 700.00	SHNH3
(c) OC-3+ Capacity	\$ 1660.00	\$ 1418.00	\$ 1215.00	SHNH5
(d) OC-12 Capacity	\$ 1782.00	\$ 1620.00	\$ 1418.00	SHNH1
(e)				(D)
				(D)
(f) OC-48 Capacity	\$ 3970.00	\$ 3645.00	\$ 3160.00	SHNH8
(g) OC-48+ Capacity	\$ 3970.00	\$ 3645.00	\$ 3160.00	SHNH9

\* Rate in effect prior to March 6, 1995 through June 30, 1996.

(D)

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(8) Central Office Channel Interface (Per Central Office Node)  
ALL STATES

	<u>Channel Services Payment Plan Rates<sup>1</sup></u>		
	<u>First</u>	<u>Additional</u>	
(a) Per DS1 on OC-1, OC-3 or OC-3+ SMARTRing (a.k.a. BellSouth SPA Dedicated Ring)	\$180.00	\$135.00	USOC SHNCB
(b) Per 28 DS1 Channel System			
- DS3	\$250.00	\$170.00	SHNW8
- STS-1	\$250.00	\$170.00	SHNCS
(c) Per DS1 on 28 DS1 Channel System			
- DS3	\$250.00	\$170.00	SHNCA
- STS-1	\$180.00	\$ 90.00	SHNCG
(d) Per DS3 on OC-3 or OC-3+	\$285.00	\$200.00	SHNYT
(e) Per DS3 on OC-12	\$275.00	\$205.00	SHNO1
(f)			(D)
(g) Per DS3 on OC-48 or OC-48+	\$315.00	\$185.00	SHNC6
(h) Per STS-1 on OC-1, OC-3, or OC-3+	\$240.00	\$155.00	SHNO2
(i) Per STS-1 on OC-12	\$325.00	\$155.00	SHNO3
(j) Per STS-1 on OC-48 or OC-48+	\$350.00	\$155.00	SHNC7
(k) Per OC-1 on OC-12, OC-48 or OC-48+	\$325.00	\$155.00	SHNCC
(l) Per OC-3 on OC-12			
- 2 Fiber	\$230.00	\$ 95.00	SHNCD
- 4 Fiber	\$245.00	\$ 95.00	SHNO4
(m) Per OC-3 on OC-48			
- 2 Fiber	\$230.00	\$ 95.00	SHNCE
- 4 Fiber	\$245.00	\$ 95.00	SHNC8
(n) Per OC-3 on OC-48+			
- 2 Fiber	\$230.00	\$ 95.00	SHNCE
(o) Per OC-12 on OC-48			
- 2 Fiber	\$240.00	\$ 95.00	SHNCF
- 4 Fiber	\$260.00	\$ 95.00	SHNC9

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

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

ALL STATES

Channel Services Payment Plan Rates<sup>1</sup>

	Recurring			USOC
	A 24-48 Months	B 49-72 Months	C 73-96 Months	
(a) Per DS1 on OC-1, OC-3 or OC-3+ capacity	\$ 30.00	\$ 25.00	\$ 20.00	SHNCB
(b) Per 28 DS1 Channel System -DS3	\$550.00	\$500.00	\$450.00	SHNW8
-STS-1	\$650.00	\$600.00	\$575.00	SHNCS
(c) Per DS1 on 28 DS1 Channel System -DS3	\$ 8.00	\$ 7.00	\$ 6.00	SHNCA
-STS-1	\$ 35.00	\$ 30.00	\$ 25.00	SHNCG
(d) Per DS3 on OC-3 or OC-3+	\$ 85.00	\$ 80.00	\$ 75.00	SHNYT
(e) Per DS3 on OC-12 -Vintage Rate*	\$ 85.00 \$ 70.00	\$ 80.00 \$ 70.00	\$ 75.00 \$ 70.00	SHNO1 SHNWT

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Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP arrangements will not be available for SMARTRing installations on or after August 23, 1996. New SMARTRing installations on or after August 23, 1996, must be ordered under TPP arrangements. SMARTRing installations include nodes, channel interfaces and other associated rate elements.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

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

ALL STATES

	<u>Channel Services Payment Plan Rates<sup>1</sup></u>			(T)
	<u>Recurring</u>			
	<u>A</u>	<u>B</u>	<u>C</u>	
	<u>24-48</u>	<u>49-72</u>	<u>73-96</u>	<u>USOC</u>
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
(g) Per DS3 on OC-48 or OC-48+				
-Prior to 6/6/95	\$ 85.00	\$ 80.00	\$ 75.00	SHNC6
-Effective 6/6/95	\$ 90.00	\$ 85.00	\$ 80.00	SHNC6
(h) Per STS-1 on OC-1, OC-3, or OC-3+	\$105.00	\$100.00	\$ 90.00	SHN02
(i) Per STS-1 on OC-12	\$105.00	\$100.00	\$ 90.00	SHN03
(j) Per STS-1 on OC-48 or OC-48+	\$105.00	\$100.00	\$ 90.00	SHNC7
(k) Per OC-1 on OC-12, OC-48 or OC-48+	\$ 90.00	\$ 80.00	\$ 75.00	SHNCC
(l) Per OC-3 on OC-12				
- 2 Fiber	\$170.00	\$150.00	\$140.00	SHNCD
- 4 Fiber	\$320.00	\$280.00	\$260.00	SHNO4
(m) Per OC-3 on OC-48				
- 2 Fiber	\$170.00	\$150.00	\$140.00	SHNCE
- 4 Fiber	\$320.00	\$280.00	\$260.00	SHNC8
(n) Per OC-3 on OC-48+				
- 2 Fiber	\$170.00	\$150.00	\$140.00	SHNCE
(o) Per OC-12 on OC-48				
- 2 Fiber	\$420.00	\$382.00	\$344.00	SHNCF
- 4 Fiber	\$841.00	\$765.00	\$688.00	SHNC9

Note 1: As set forth in Part 3, Section 2.4.8, renewals of existing CSPP (T)  
arrangements will not be available for SMARTRing installations (T)  
on or after August 23, 1996. New SMARTRing installations on or after (T)  
August 23, 1996, must be ordered under TPP arrangements. SMARTRing (T)  
installations include nodes, channel interfaces and other associated (T)  
rate elements. (T)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

ALL STATES

	<u>Nonrecurring</u>	<u>USOC</u>
(9) Channel Interface Capacity Reallocation		
(a) Per Node, Per occurrence	\$275.00	SHRBC
(10) SMARTRing Service (a.k.a. BellSouth SPA Dedicated Ring) Rearrangement		
(a) Surveillance, per Node, per SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring)	\$255.00	SHNRR
(b) Reconfiguration, per STS-1 group, per Node	\$365.00	SHNR1
(11) Virtual Packet Ring Rearrangement Charge <sup>1</sup>		
(a) Per service order associated with a Rearrangement of a virtual packet ring Subsequent to the setup of a virtual packet ring	\$500.00	SHNRP

Note 1: A Virtual Packet Ring Rearrangement charge applies for the complete removal of a Virtual Packet Ring from a SMARTRing service. This charge does not apply to an increase or decrease in the size of a Virtual Packet Ring or to changes involving the addition or removal of individual nodes on the ring.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(12) Basic Shared Ethernet LAN Access Link

(a) Customer Premises

	<u>ALL STATES</u>		
	<u>Nonrecurring Charge</u>	<u>Month-to-Month</u>	<u>USOC</u>
Per 10 Mbps Basic Shared Ethernet LAN Access Link	\$2,050.00	\$730.00	SHNLY
Per 100 Mbps Basic Shared Ethernet LAN Access Link	2,050.00	780.00	SHNLY
Per Fractional 1000 Basic Shared Ethernet LAN Access Link			
- 50 Mbps	2,050.00	750.00	SHNLY
- 150 Mbps	2,050.00	810.00	SHNLY
- 300 Mbps	2,050.00	870.00	SHNLY
- 450 Mbps	2,050.00	930.00	SHNLY
- 600 Mbps	2,050.00	1,020.00	SHNLY
- 1000 Mbps	2,050.00	1,120.00	SHNLY

Transport Payment Plan Rates <sup>(1)</sup>

	<u>A</u>	<u>B</u>	<u>C</u>	<u>USOC</u>
	<u>12-36</u>	<u>37-60</u>	<u>61-96</u>	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Per 10 Mbps Basic Shared Ethernet LAN Access Link	\$250.00	\$220.00	\$200.00	SHNLY
Per 100 Mbps Basic Shared Ethernet LAN Access Link	300.00	280.00	250.00	SHNLY
Per Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link				
- 50 Mbps	280.00	250.00	240.00	SHNLY
- 150 Mbps	330.00	300.00	280.00	SHNLY
- 300 Mbps	440.00	410.00	380.00	SHNLY
- 450 Mbps	490.00	450.00	420.00	SHNLY
- 600 Mbps	550.00	490.00	460.00	SHNLY
- 1000 Mbps	650.00	590.00	560.00	SHNLY

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring  
(SMARTRing Service) (a.k.a. BellSouth SPA Dedicated Ring)

(12) Basic Shared Ethernet LAN Access Link

(b) Central Office

	<u>ALL STATES</u>		
	<u>Nonrecurring Charge</u>	<u>Month-to-Month</u>	<u>USOC</u>
Per 10 Mbps Basic Shared Ethernet LAN Access Link	\$2,050.00	\$730.00	SHNCY
Per 100 Mbps Basic Shared Ethernet LAN Access Link	2,050.00	780.00	SHNCY
Per Fractional 1000 Basic Shared Ethernet LAN Access Link			
- 50 Mbps	2,050.00	750.00	SHNCY
- 150 Mbps	2,050.00	810.00	SHNCY
- 300 Mbps	2,050.00	870.00	SHNCY
- 450 Mbps	2,050.00	930.00	SHNCY
- 600 Mbps	2,050.00	1,020.00	SHNCY
- 1000 Mbps	2,050.00	1,120.00	SHNCY

Transport Payment Plan Rates <sup>(1)</sup>

	A	B	C	<u>USOC</u>
	12-36	37-60	61-96	
	<u>Months</u>	<u>Months</u>	<u>Months</u>	
	<u>Per Month Rates</u>			
Per 10 Mbps Basic Shared Ethernet LAN Access Link	\$250.00	\$220.00	\$200.00	SHNCY
Per 100 Mbps Basic Shared Ethernet LAN Access Link	300.00	280.00	250.00	SHNCY
Per Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link				
- 50 Mbps	280.00	250.00	240.00	SHNCY
- 150 Mbps	330.00	300.00	280.00	SHNCY
- 300 Mbps	440.00	410.00	380.00	SHNCY
- 450 Mbps	490.00	450.00	420.00	SHNCY
- 600 Mbps	550.00	490.00	460.00	SHNCY
- 1000 Mbps	650.00	590.00	560.00	SHNCY

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(N)  
(N)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service)  
(a.k.a. BellSouth SPA Dedicated Ring)

(13) Basic Shared Ethernet LAN Service - Metro Ethernet Access Links

(a) Customer Premises Access Link Connection

ALL STATES

	<u>Nonrecurring Charge</u>	<u>Month-to-Month</u>	<u>USOC</u>
- Per 150 Mbps Metro Ethernet Access Link	\$2,050.00	\$980.00	SHNUA
- Per 300 Mbps Metro Ethernet Access Link	2,050.00	1,220.00	SHNUB
- Per 450 Mbps Metro Ethernet Access Link	2,050.00	1,310.00	SHNUC
- Per 600 Mbps Metro Ethernet Access Link	2,050.00	1,430.00	SHNUD
- Per 1000 Mbps Metro Ethernet Access Link	2,050.00	1,570.00	SHNUE

Transport Payment Plan Rates <sup>(1)</sup>

	<u>Non-Recurring Charge</u>	<u>Transport Payment Plan Rates</u> <sup>(1)</sup>			<u>USOC</u>
		<u>A</u> 12-36 Months	<u>B</u> 37-60 Months	<u>C</u> 61-96 Months	
		<u>Per Month Rates</u>			
- Per 150 Mbps Metro Ethernet Access Link	\$2,050.00	\$800.00	\$500.00	\$400.00	SHNUA
- Per 300 Mbps Metro Ethernet Access Link	2,050.00	930.00	580.00	540.00	SHNUB
- Per 450 Mbps Metro Ethernet Access Link	2,050.00	990.00	630.00	590.00	SHNUC
- Per 600 Mbps Metro Ethernet Access Link	2,050.00	1,075.00	690.00	650.00	SHNUD
- Per 1000 Mbps Metro Ethernet Access Link	2,050.00	1,200.00	830.00	790.00	SHNUE

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.14 Self-healing Rings

(A) Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service)  
(a.k.a. BellSouth SPA Dedicated Ring)

(13) Basic Shared Ethernet LAN Service - Metro Ethernet Access Links

(b) Central Office Access Link Connection

ALL STATES

	<u>Nonrecurring Charge</u>	<u>Month-to Month</u>	<u>USOC</u>
- Per 150 Mbps Metro Ethernet Access Link	\$2,050.00	\$980.00	SHNOA
- Per 300 Mbps Metro Ethernet Access Link	2,050.00	1,220.00	SHNOB
- Per 450 Mbps Metro Ethernet Access Link	2,050.00	1,310.00	SHNOC
- Per 600 Mbps Metro Ethernet Access Link	2,050.00	1,430.00	SHNOD
- Per 1000 Mbps Metro Ethernet Access Link	2,050.00	1,570.00	SHNOE

	<u>Non-Recurring Charge</u>	<u>Transport Payment Plan Rates <sup>(1)</sup></u>			<u>USOC</u>
		<u>A</u> 12-36 Months <u>Per Month Rates</u>	<u>B</u> 37-60 Months <u>Per Month Rates</u>	<u>C</u> 61-96 Months <u>Per Month Rates</u>	
- Per 150 Mbps Metro Ethernet Access Link	\$2,050.00	\$800.00	\$500.00	\$400.00	SHNOA
- Per 300 Mbps Metro Ethernet Access Link	2,050.00	930.00	580.00	540.00	SHNOB
- Per 450 Mbps Metro Ethernet Access Link	2,050.00	990.00	630.00	590.00	SHNOC
- Per 600 Mbps Metro Ethernet Access Link	2,050.00	1,075.00	690.00	650.00	SHNOD
- Per 1000 Mbps Metro Ethernet Access Link	2,050.00	1,200.00	830.00	790.00	SHNOE

<sup>(1)</sup> All term plans for SMARTRing Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(N)  
(N)

ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.15 Reserved for Future Use

7.5.16 Reserved for Future Use

7.5.17 Reconfiguration Charges

	<u>Nonrecurring Charges</u>	<u>USOC</u>
- Per Customer Request for LightGate service (a.k.a. BellSouth SPA Point to Point Network) or (a.k.a. BellSouth SPA Dedicated Ring) SMARTRing reconfiguration	None	----
- Concatenation Rearrangement Charge, Per OC-3, OC-12 or OC-48 optical circuit rearranged as concatenated or non-concatenated subsequent to the initial installation of the circuit	\$500.00	NRCCN

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.18 BellSouth SPA Customer Network Management (CNM) - FlexServ Service

(A) BellSouth SPA CNM - SMARTRing Service Connections

(1) SMARTRing Service Channel Connections

(a) Surveillance, Per Node	<u>Nonrecurring</u>	USOC
OC-1, OC-3, OC-3+, OC-12	\$ 0.00	SHNSN

	<u>Recurring</u>				
	Month	Plan A <sup>1</sup>	Plan B <sup>1</sup>	Plan C <sup>1</sup>	
	to	24-48	49-72	73-96	
	<u>Month</u>	<u>Months</u>	<u>Months</u>	<u>Months</u>	USOC
	\$ 40.00	\$ 36.80	\$ 34.00	\$ 32.00	SHNSN
Vintage*		9.00	8.50	8.00	SHNSN
Vintage**		18.40	17.00	16.00	SHNSN

(b) Surveillance, Per Node	<u>Nonrecurring</u>	USOC
OC-48, OC-48+	\$ 0.00	SHNS4

	<u>Recurring</u>				
	Month	Plan A <sup>1</sup>	Plan B <sup>1</sup>	Plan C <sup>1</sup>	
	to	24-48	49-72	73-96	
	<u>Month</u>	<u>Months</u>	<u>Months</u>	<u>Months</u>	USOC
	\$ 80.00	\$ 75.00	\$ 70.00	\$ 65.00	SHNS4
Vintage*		27.00	25.50	24.00	SHNS4
Vintage**		46.00	42.50	40.00	SHNS4

(c) Surveillance, Per Node	<u>Nonrecurring</u>	USOC
OC-192, OC-192+	\$0.00	SHNS9

	<u>Recurring</u>				
	Month	Plan A <sup>1</sup>	Plan B <sup>1</sup>	Plan C <sup>1</sup>	
	to	24-48	49-72	73-96	
	<u>Month</u>	<u>Months</u>	<u>Months</u>	<u>Months</u>	USOC
	\$120.00	\$110.00	\$100.00	\$ 95.00	SHNS9

(d) Reconfiguration, Per SMARTRing Customer or Central Office Channel Interface - OC-12 and lower levels

	<u>Nonrecurring</u>		USOC
	<u>Initial</u>	<u>Subsequent</u>	
	None	\$ 0.00	SHNRC

	<u>Recurring</u>				
	Month	Plan A <sup>1</sup>	Plan B <sup>1</sup>	Plan C <sup>1</sup>	
	to	24-48	49-72	73-96	
	<u>Month</u>	<u>Months</u>	<u>Months</u>	<u>Months</u>	USOC
	\$ 5.00	\$ 4.50	\$ 4.00	\$ 3.50	SHNRC
Vintage*		1.10	1.00	.95	SHNRC

\*Rate in effect prior to July 1, 1998

\*\*Rate in effect July 1, 1998 through December 31, 1998

Note 1: Channel Services Payment Plan rates.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.18 BellSouth SPA Customer Network Management (CNM) - FlexServ Service

(A) BellSouth SPA CNM - SMARTRing Service Connections

(1) SMARTRing Service Channel Connections

(e) Reconfiguration, Per SMARTRing (a.k.a. BellSouth SPA Dedicated Ring) Customer or Central Office Channel Interface - OC-48

	<u>Nonrecurring</u>			<u>USOC</u>
	<u>Initial</u>	<u>Subsequent</u>		
	None	\$15.00		SHNRC
	<u>Recurring</u>			
Month	Plan A <sup>1</sup>	Plan B <sup>1</sup>	Plan C <sup>1</sup>	
to	24-48	49-72	73-96	
<u>Month</u>	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
\$ 5.00	\$ 4.50	\$ 4.00	\$ 3.50	SHNRC

(f) Reconfiguration, Per SMARTRing (a.k.a. BellSouth SPA Dedicated Ring) Customer Channel Interface - 10 Mbps, 100 Mbps, 1000 Mbps and Fractional 1000 Mbps

	<u>Nonrecurring</u>			<u>USOC</u>
	<u>Initial</u>	<u>Subsequent</u>		
	None	\$25.00		SHNRO
	<u>Recurring</u>			
Month	Plan A <sup>2</sup>	Plan B <sup>2</sup>	Plan C <sup>2</sup>	
to	12-36	37-60	61-96	
<u>Month</u>	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
\$ 5.00	\$ 4.50	\$ 4.00	\$ 3.50	SHNRO

(g) Service Establishment Charge, Per New Customer Account Setup

<u>Nonrecurring</u>	<u>USOC</u>
\$250.00	SHNTD

(h) Security Card<sup>3</sup>, Per Security Card

<u>Nonrecurring</u>	<u>USOC</u>
\$100.00	SHNTC

(C)

(2) STS-1 Channel Connections

(a) VT1.5 Switching,  
Per STS-1 Channel

	<u>Nonrecurring</u>			<u>USOC</u>
	\$125.00			DSL5X
	<u>Recurring</u>			
Month	Plan A <sup>1</sup>	Plan B <sup>1</sup>	Plan C <sup>1</sup>	
to	24-48	49-72	73-96	
<u>Month</u>	<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
\$375.00	\$345.00	\$320.00	\$300.00	DSL5X

Note 1: Channel Services Payment Plan rates.

Note 2: Transport Payment Plan rates.

Note 3: The Security Card will not be available for new customer orders as set forth in 7.4.12(A).

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

## 7.5 Rates and Charges

## 7.5.22 BellSouth Metro Ethernet Service

## (A) Rates and charges for month-to-month service

## (1) Basic BellSouth Metro Ethernet Service Arrangements

	Nonrecurring Charge	Month to Month	USOC	
(a) 2 Mbps Basic Connection				
- Per Connection	\$ 950.00	\$ 915.00	MTEBO	(I)
(b) 4 Mbps Basic Connection				
- Per Connection	950.00	960.00	MTEB1	(I)
(c) 8 Mbps Basic Connection				
- Per Connection	950.00	1,125.00	MTEB2	(I)
(d) 10 Mbps Basic Connection				
- Per Connection	900.00	1,210.00	MTEBA	(I)
(e) 100 Mbps Basic Connection				
- Per Connection	900.00	1,680.00	MTEBB	(I)
(f) 1 Gbps Basic Connection				
- Per Connection	1,000.00	3,200.00	MTEBC	(I)

## (2) Premium BellSouth Metro Ethernet Service Arrangements

(a) 2 Mbps Premium Connection				
- Per Connection, Fixed Mode	950.00	1,085.00	MTEPO	(I)
(b) 4 Mbps Premium Connection				
- Per Connection, Fixed Mode	950.00	1,125.00	MTEP1	(I)
(c) 8 Mbps Premium Connection				
- Per Connection, Fixed Mode	950.00	1,295.00	MTEP2	(I)
(d) 10 Mbps Premium Connection				
- Per Connection, Fixed Mode	900.00	1,380.00	MTEP3	(I)
- Per Connection, Burst Mode	900.00	1,656.00	MTEE3	(I)
(e) 20 Mbps Premium Connection				
- Per Connection, Fixed Mode	900.00	1,590.00	MTEP4	(I)
- Per Connection, Burst Mode	900.00	1,908.00	MTEE4	(I)
(f) 50 Mbps Premium Connection				
- Per Connection, Fixed Mode	900.00	1,700.00	MTEP5	(I)
- Per Connection, Burst Mode	900.00	2,040.00	MTEE5	(I)
(g) 100 Mbps Premium Connection				
- Per Connection, Fixed Mode	1,000.00	1,850.00	MTEP6	(I)
- Per Connection, Burst Mode	1,000.00	2,220.00	MTEE6	(I)
(h) 250 Mbps Premium Connection				
- Per Connection, Fixed Mode	1,000.00	2,690.00	MTEP7	(I)
- Per Connection, Burst Mode	1,000.00	3,228.00	MTEE7	(I)
(i) 500 Mbps Premium Connection				
- Per Connection, Fixed Mode	1,000.00	2,992.00	MTEP8	
- Per Connection, Burst Mode	1,000.00	3,590.00	MTEE8	(I)
(j) 900 Mbps Premium Connection				
- Per Connection, Fixed Mode	1,500.00	4,436.00	MTEP9	
(k) 1000 Mbps Premium Connection				
- Per Connection, Fixed Mode	1,500.00	4,658.00	MTEPT	

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(A) Rates and charges for month-to-month service

(3)

(D)

(D)

## ACCESS SERVICE

## 7 - Special Access (a.k.a. BellSouth SPA) Service

## 7.5 Rates and Charges

## 7.5.22 BellSouth Metro Ethernet Service

## (A) Rates and charges for month-to-month service

(4) Virtual BellSouth Metro Ethernet Service Arrangements<sup>1</sup>

	Nonrecurring Charge	Month to Month	USOC	
(a) 2 Mbps Virtual Connection - Per Connection	\$ 1,000.00	\$ 732.00	MTEVO	(I)
(b) 4 Mbps Virtual Connection - Per Connection	1,000.00	768.00	MTEV1	(I)
(c) 8 Mbps Virtual Connection - Per Connection	1,000.00	900.00	MTEV2	(I)
(d) 10 Mbps Virtual Connection - Per Connection	1,000.00	968.00	MTEV3	(I)
(e) 20 Mbps Virtual Connection - Per Connection	1,000.00	1,113.00	MTEV4	(I)
(f) 50 Mbps Virtual Connection - Per Connection	1,000.00	1,328.00	MTEV5	
(g) 80 Mbps Virtual Connection - Per Connection	1,000.00	1,484.00	MTEV6	
(h) 100 Mbps Virtual Connection - Per Connection	1,500.00	1,640.00	MTEV7	
(i) 200 Mbps Virtual Connection - Per Connection	1,500.00	2,088.00	MTEV8	
(j) 300 Mbps Virtual Connection - Per Connection	1,500.00	2,356.00	MTEV9	
(k) 450 Mbps Virtual Connection - Per Connection	1,500.00	2,832.00	MTEVA	
(l) 600 Mbps Virtual Connection - Per Connection	1,750.00	3,364.00	MTEVB	
(m) 750 Mbps Virtual Connection - Per Connection	1,750.00	3,920.00	MTEVC	
(n) 900 Mbps Virtual Connection - Per Connection	2,000.00	4,276.00	MTEVD	
(o) 1000 Mbps Virtual Connection - Per Connection	2,000.00	4,490.00	MTEVE	
(5) BellSouthMetro Ethernet Service Independent Company (ICO) Trunk Arrangements				
(a) ICO Trunk Connection - per VLAN connection	1,300.00	775.00	MTEGC	

Note 1: Each Virtual Connection requires the establishment of a Class of Service (CoS) profile.



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(A) Rates and charges for month-to-month service

(6) BellSouth Metro Ethernet Service Additional Mileage

(a) BellSouth Metro Ethernet Service Additional Mileage:  
arrangements greater than 10 through 25 airline miles

	Month to Month	USOC
- Per 2 - 9 Mbps Connection <sup>1</sup>	\$ 320.00	MTEMO
- Per 10 - 99 Mbps Connection	490.00	MTEMA
- Per 100 - 499 Mbps Connection	560.00	MTEMB
- Per 500 Mbps - 1 Gbps Connection	660.00	MTEMC

(b) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than  
25 through 35 airline miles

- Per 2 - 9 Mbps Connection <sup>1</sup>	525.00	MTEMD
- Per 10 - 99 Mbps Connection	870.00	MTEME
- Per 100 - 499 Mbps Connection	1,000.00	MTEMF
- Per 500 Mbps - 1 Gbps Connection	1,150.00	MTEMG

(c) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than  
35 through 60 airline miles

- Per 2 - 9 Mbps Connection <sup>1</sup>	800.00	MTEMH
- Per 10 - 99 Mbps Connection	1,250.00	MTEMJ
- Per 100 - 499 Mbps Connection	1,385.00	MTEMK
- Per 500 Mbps - 1 Gbps Connection	1,490.00	MTEML

(C)

(7) BellSouth Metro Ethernet Service Independent Company (ICO) Trunk  
Additional Mileage Charges

(a) BellSouthMetro Ethernet Service ICO Trunk arrangements greater than  
10 through 25 airline miles

- per VLAN ICO Trunk Connection	170.00	MTEM1
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(b) BellSouthMetro Ethernet Service ICO Trunk arrangements greater than  
25 through 35 airline miles

- per VLAN ICO Trunk Connection	420.00	MTEM2
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(c) BellSouthMetro Ethernet Service ICO Trunk arrangements greater than  
35 through 60 airline miles

- per VLAN ICO Trunk Connection	675.00	MTEM3
---------------------------------	--------	-------

(C)

Note 1: Not available for Dedicated Arrangements.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(A) Rates and charges for month-to-month service

(8) Priority Plus Feature<sup>1</sup>

	Nonrecurring Charge	Month to Month	USOC
- Per Connection	\$ -	\$ 120.00	MTETP

(9) Q-Forwarding Feature<sup>1</sup>

(a) Q-Forwarding Service Establishment Charge			
- Per Connection	400.00	-	MTEQF
(b) Q-Forwarding Network Assignment Charge			
- Per Network, Per Connection	-	80.00	MTEQN

(10) VLAN Aggregation Feature<sup>2</sup>

(a) VLAN Aggregation Service Establishment Charge			
- Per Connection	400.00	-	MTEQE
(b) VLAN Aggregation Network Assignment Charge			
- Per VLAN, Per Connection	-	80.00	MTEQV

(11) CNM - Metro Ethernet Reporting Feature<sup>3</sup>

(a) CNM - Metro Ethernet Reporting, Service Establishment Charge			
- Per Customer Account	225.00	-	MTERE
(b) CNM - Metro Ethernet Reporting Charge			
- Per Connection	-	10.00	MTERC
(c) CNM - Metro Ethernet Reporting, Web Interface Charge			
- First	-	-	MTER1
- Each Additional	65.00	20.00	MTERW
(d) CNM - Metro Ethernet Reporting, Security Card <sup>4</sup>			
-Each	200.00	-	MTERS (C)

Note 1: Optional feature only available with a Premium Connection.

Note 2: Optional feature only available with a Virtual Connection.

Note 3: Optional feature only available with a Premium or Virtual Connection.

Note 4: A Security Card is not available for new customer orders as set forth in 7.2.18. (N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(A) Rates and charges for month-to-month service

(12) Class of Service (CoS) Profile<sup>1</sup>

(a) Real-Time CoS<sup>2</sup>

	<u>Month to</u>	<u>USOC</u>
	<u>Month</u>	
- 10%	\$ 54.00	MTETF
- 20%	108.00	MTETG
- 25%	135.00	MTETH
- 30%	162.00	MTETJ
- 35%	189.00	MTETK
- 40%	216.00	MTETL
- 50%	270.00	MTETM
- 70%	378.00	MTETO

(b) Interactive CoS<sup>2</sup>

- 10%	45.00	MTEVF
- 20%	90.00	MTEVG
- 25%	112.00	MTEVH
- 30%	135.00	MTEVJ
- 35%	157.00	MTEVK
- 40%	180.00	MTEVL
- 50%	225.00	MTEVM

Note 1: Each Virtual Connection requires the designation of a CoS profile with desired percentages of each CoS selected. The sum of the percentages for all CoS selected for a Virtual Connection must sum to 100%.

Note 2: The combined CoS bandwidth percentages selected in a customer's Virtual Connection CoS profile for Real-Time CoS plus Interactive CoS may not exceed 50%, except where the customer selects the 70% Real-Time CoS bandwidth percentage and has no Interactive traffic.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(A) Rates and charges for month-to-month service

(12) Class of Service (CoS) Profile<sup>1</sup>

(c) Business Critical CoS

	<u>Month to</u>	<u>USOC</u>
	<u>Month</u>	
- 10%	\$ 27.00	MTEPF
- 20%	54.00	MTEPG
- 25%	67.00	MTEPH
- 30%	81.00	MTEPJ
- 35%	94.00	MTEPK
- 40%	108.00	MTEPL
- 50%	135.00	MTEPM
- 60%	162.00	MTEPN
- 75%	202.00	MTEPP
- 90%	243.00	MTEPQ
- 100%	270.00	MTEPR

(d) Best Effort CoS

- 10%	9.00	MTEBF
- 20%	18.00	MTEBG
- 25%	22.00	MTEBH
- 30%	27.00	MTEBJ
- 35%	31.00	MTEBK
- 40%	36.00	MTEBL
- 50%	45.00	MTEBM
- 60%	54.00	MTEBN
- 75%	67.00	MTEBP
- 90%	81.00	MTEBQ

Note 1: Each Virtual Connection requires the designation of a CoS profile with desired percentages of each CoS selected. The sum of the percentages for all CoS selected for a Virtual Connection must sum to 100%.

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(A) Rates and charges for month-to-month service

(13) Automatic Protection Switching (APS) Feature<sup>1</sup>: Selected to provide automatic protection switching in conjunction with a Basic, Premium or Virtual BellSouth Metro Ethernet Connection of 10 Mbps or higher. Applicable APS rate element based upon type of APS selected and actual total route miles<sup>2</sup> (rounded up to next whole mile) based upon a customer-specific design as determined by the Telephone Company.

(a) Structural Protection

	Nonrecurring Charge	Monthly Rate	USOC
- Per APS Arrangement of less than 10 route miles	\$ 1000.00	\$ 1900.00	MTEAO
- Per APS Arrangement of 10 through 25 route miles	1500.00	2145.00	MTEA1
- Per APS Arrangement of greater than 25 through 35 route miles	2000.00	2445.00	MTEA2
- Per APS Arrangement of greater than 35 through 60 route miles	2500.00	2900.00	MTEA3

(C)

(b) Route Protection

- Per APS Arrangement of less than 10 route miles	1500.00	2320.00	MTEA5
- Per APS Arrangement of 10 through 25 route miles	2000.00	2610.00	MTEA6
- Per APS Arrangement of greater than 25 through 35 route miles	2500.00	2965.00	MTEA7
- Per APS Arrangement of greater than 35 through 60 route miles	3000.00	3435.00	MTEA8

(C)

(14) Optical Termination Charge: An electrical termination on the customer premises is standard for 2, 4 and 8 Mbps Basic, Premium and Virtual Connections. Therefore, an Optical Termination Charge applies when an optional optical termination is requested and provided for a 2, 4 or 8 Mbps Connection.

(a) Per Optional Optical Termination

- Per Connection	\$ -	\$ 30.00	MTEO1
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Note 1: Optional feature only available with a Basic, Premium or Virtual Connection of 10 Mbps or higher. (APS is not available for a 2 Mbps, 4 Mbps or 8 Mbps Basic, Premium or Virtual Connection.)

Note 2: Per definition of route mileage provided in 7.2.18(X).

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(A) Rates and charges for month-to-month service

(15) Service Reconfiguration Charge

(a) Per Request

	Nonrecurring Charge	Month to Month	USOC
- Per Connection	\$200.00	-	MTESR

(16) System Reconfiguration Charge

(a) Per Request

- Per Connection	900.00	-	MTESY
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(17) Core Trunk Automatic Failover (CTAF) Feature: Selected to provide an SLA for Core Trunk Automatic Failover protection between Metro Ethernet core network wire centers in conjunction with Basic, Premium or Virtual Metro Ethernet Arrangements. The applicable CTAF rate element is based upon the actual total airline miles (rounded up to next whole mile) based upon a customer-specific design as determined by the Company.

If a customer's Metro Ethernet Connection communicates with more than one other Metro Ethernet Connection, such as a Point-to-Multipoint or Multipoint-to-Multipoint network configuration, the CTAF feature is billed once on the Metro Ethernet Connection at the greater than 25 airline miles up to 35 airline mile rate.

(a) per CTAF Arrangement of less than 10 airline miles	\$500.00	\$525.00	MTEMP	
(b) per CTAF Arrangement of 10 through 25 airline miles	750.00	775.00	MTEMQ	
(c) per CTAF Arrangement of greater than 25 airline miles up to 35 airline miles	1,000.00	1,200.00	MTEMR	
(d) per CTAF Arrangement of greater than 35 airline miles up to 60 airline miles	1,250.00	1,550.00	MTEMS	(C)
(e) per CTAF Arrangement of greater than 60 airline miles	1,250.00	2,200.00	MTEMT	(C)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(B) Rates and charges for Transport Payment Plan

(1) Basic BellSouth Metro Ethernet Service Arrangements

	Transport Payment Plan Rates <sup>(1)</sup>				USOC
	Non-Recurring Charge	A 12-36 Mos	B 37-60 Mos	C 61-96 Mos	
(a) 2 Mbps Basic Connection - Per Connection	\$ -	\$ 885.00	\$ 805.00	\$ 735.00	MTEBO
(b) 4 Mbps Basic Connection - Per Connection	-	930.00	850.00	780.00	MTEB1
(c) 8 Mbps Basic Connection - Per Connection	-	1,095.00	1,015.00	945.00	MTEB2
(d) 10 Mbps Basic Connection - Per Connection	-	1,180.00	1,100.00	1,030.00	MTEBA
(e) 100 Mbps Basic Connection - Per Connection	-	1,650.00	1,570.00	1,500.00	MTEBB
(f) 1 Gbps Basic Connection - Per Connection	-	3,150.00	3,030.00	2,900.00	MTEBC

(2) Premium BellSouth Metro Ethernet Service Arrangements

(a) 2 Mbps Premium Connection - Per Connection, Fixed Mode	-	1,055.00	975.00	905.00	MTEPO
(b) 4 Mbps Premium Connection - Per Connection, Fixed Mode	-	1,095.00	1,015.00	945.00	MTEP1
(c) 8 Mbps Premium Connection - Per Connection, Fixed Mode	-	1,265.00	1,185.00	1,115.00	MTEP2
(d) 10 Mbps Premium Connection - Per Connection, Fixed Mode	-	1,350.00	1,270.00	1,200.00	MTEP3
- Per Connection, Burst Mode	-	1,620.00	1,524.00	1,440.00	MTEE3
(e) 20 Mbps Premium Connection - Per Connection, Fixed Mode	-	1,560.00	1,480.00	1,410.00	MTEP4
- Per Connection, Burst Mode	-	1,872.00	1,776.00	1,692.00	MTEE4
(f) 50 Mbps Premium Connection - Per Connection, Fixed Mode	-	1,670.00	1,590.00	1,520.00	MTEP5
- Per Connection, Burst Mode	-	2,004.00	1,908.00	1,824.00	MTEE5
(g) 100 Mbps Premium Connection - Per Connection, Fixed Mode	-	1,820.00	1,740.00	1,670.00	MTEP6
- Per Connection, Burst Mode	-	2,184.00	2,088.00	2,004.00	MTEE6
(h) 250 Mbps Premium Connection - Per Connection, Fixed Mode	-	2,640.00	2,520.00	2,390.00	MTEP7
- Per Connection, Burst Mode	-	3,168.00	3,024.00	2,868.00	MTEE7
(i) 500 Mbps Premium Connection - Per Connection, Fixed Mode	-	2,920.00	2,800.00	2,670.00	MTEP8
- Per Connection, Burst Mode	-	3,504.00	3,360.00	3,204.00	MTEE8
(j) 900 Mbps Premium Connection - Per Connection, Fixed Mode	-	3,700.00	3,532.00	3,356.00	MTEP9
(k) 1000 Mbps Premium Connection - Per Connection, Fixed Mode	-	3,885.00	3,709.00	3,523.00	MTEPT

<sup>(1)</sup> All term plans for BellSouth Metro Ethernet Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after October 1, 2018, will instead expire on October 1, 2018. All such services existing on or after October 1, 2018, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after October 20, 2016.

(N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(B) Rates and charges for Transport Payment Plan

(3)

(D)

(D)



ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(B) Rates and charges for Transport Payment Plan

(4) Virtual BellSouth Metro Ethernet Service Arrangements

	Transport Payment Plan Rates <sup>(1)</sup>				
	Non- Recurring Charge	A 12-36 Mos	B 37-60 Mos	C 61-96 Mos	USOC
(a) 2 Mbps Virtual Connection - Per Connection	\$ -	\$ 708.00	\$644.00	\$ 588.00	MTEVO
(b) 4 Mbps Virtual Connection - Per Connection	-	744.00	680.00	624.00	MTEV1
(c) 8 Mbps Virtual Connection - Per Connection	-	876.00	812.00	756.00	MTEV2
(d) 10 Mbps Virtual Connection - Per Connection	-	944.00	880.00	824.00	MTEV3
(e) 20 Mbps Virtual Connection - Per Connection	-	1,092.00	1,036.00	987.00	MTEV4
(f) 50 Mbps Virtual Connection - Per Connection	-	1,132.00	1,075.00	1,000.00	MTEV5
(g) 80 Mbps Virtual Connection - Per Connection	-	1,156.00	1,092.00	1,038.00	MTEV6
(h) 100 Mbps Virtual Connection - Per Connection	-	1,280.00	1,210.00	1,149.00	MTEV7
(i) 200 Mbps Virtual Connection - Per Connection	-	1,640.00	1,550.00	1,472.00	MTEV8
(j) 300 Mbps Virtual Connection - Per Connection	-	1,936.00	1,830.00	1,738.00	MTEV9
(k) 450 Mbps Virtual Connection - Per Connection	-	2,232.00	2,109.00	2,004.00	MTEVA
(l) 600 Mbps Virtual Connection - Per Connection	-	2,660.00	2,514.00	2,388.00	MTEVB
(m) 750 Mbps Virtual Connection - Per Connection	-	3,104.00	2,933.00	2,787.00	MTEVC
(n) 900 Mbps Virtual Connection - Per Connection	-	3,540.00	3,345.00	3,178.00	MTEVD
(o) 1000 Mbps Virtual Connection - Per Connection	-	3,720.00	3,515.00	3,340.00	MTEVE
 (5) BellSouth Metro Ethernet Service Independent Company (ICO) Trunk Arrangements					
(a) ICO Trunk Connection - Per VLAN Connection	-	500.00	450.00	405.00	MTEGC

Note: Each Virtual Connection requires the establishment of a Class of Service (CoS) profile.

<sup>(1)</sup> All term plans for BellSouth Metro Ethernet Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after October 1, 2018, will instead expire on October 1, 2018. All such services existing on or after October 1, 2018, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after October 20, 2016.

(N)  
 (N)  
 (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(B) Rates and charges for Transport Payment Plan

(6) BellSouth Metro Ethernet Service Additional Mileage

(a) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than  
10 through 25 airline miles

	Non- Recurring Charge	Transport Payment Plan Rates <sup>(2)</sup>			USOC
		A 12-36 Mos	B 37-60 Mos	C 61-96 Mos	
- Per 2 - 9 Mbps Connection <sup>(1)</sup>	\$ -	\$ 320.00	\$ 320.00	\$ 320.00	MTEMO
- Per 10-99 Mbps Connection	-	333.00	333.00	333.00	MTEMA
- Per 100-499 Mbps Connection	-	414.00	414.00	414.00	MTEMB
- Per 500 Mbps-1 Gbps Connection	-	504.00	504.00	504.00	MTEMC

(b) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than  
25 through 35 airline miles

- Per 2 - 9 Mbps Connection <sup>(1)</sup>	-	525.00	525.00	525.00	MTEMD
- Per 10-99 Mbps Connection	-	558.00	558.00	558.00	MTEME
- Per 100-499 Mbps Connection	-	702.00	702.00	702.00	MTEMF
- Per 500 Mbps-1 Gbps Connection	-	837.00	837.00	837.00	MTEMG

(c) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than  
35 through 60 airline miles

- Per 2 - 9 Mbps Connection <sup>(1)</sup>	-	800.00	800.00	800.00	MTEMH
- Per 10-99 Mbps Connection	-	873.00	873.00	873.00	MTEMJ
- Per 100-499 Mbps Connection	-	1,089.00	1,089.00	1,089.00	MTEMK
- Per 500 Mbps-1 Gbps Connection	-	1,314.00	1,314.00	1,314.00	MTEML

(7) BellSouth Metro Ethernet Service Independent Company (ICO) Trunk  
Additional Mileage Charges

(a) BellSouth Metro Ethernet Service ICO Trunk arrangements greater than  
10 through 25 airline miles

- per VLAN ICO Trunk Connection	-	170.00	170.00	170.00	MTEM1
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(b) BellSouth Metro Ethernet Service ICO Trunk arrangements greater than  
25 through 35 airline miles

- per VLAN ICO Trunk Connection	-	420.00	420.00	420.00	MTEM2
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(c) BellSouth Metro Ethernet Service ICO Trunk arrangements greater than  
35 through 60 airline miles

- per VLAN ICO Trunk Connection	-	675.00	675.00	675.00	MTEM3
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<sup>(1)</sup> Not available for Dedicated Arrangements.

<sup>(2)</sup> All term plans for BellSouth Metro Ethernet Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after October 1, 2018, will instead expire on October 1, 2018. All such services existing on or after October 1, 2018, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after October 20, 2016.

(N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(B) Rates and charges for Transport Payment Plan

(8) Priority Plus Feature<sup>1</sup>

	Transport Payment Plan Rates <sup>(4)</sup>				
	Non-	A	B	C	
	Recurring	12-36	37-60	61-96	
	Charge <sup>(2)</sup>	Mos	Mos	Mos	USOC
- Per Connection	\$ -	\$ 95.00	\$ 85.00	\$ 80.00	MTEQP

(9) Q-Forwarding Feature<sup>(1)</sup>

(a) Q-Forwarding Service Establishment Charge

- Per Connection		Nonrecurring Charge <sup>(2)</sup>	USOC
		\$400.00	MTEQP

(b) Q-Forwarding Network Assignment Charge

	Transport Payment Plan Rates <sup>(4)</sup>				
	Non-	A	B	C	
	Recurring	12-36	37-60	61-96	
	Charge <sup>(2)</sup>	Mos	Mos	Mos	USOC
- Per Network, Per Connection	\$ -	\$ 65.00	\$ 60.00	\$ 55.00	MTEQP

(10) VLAN Aggregation Feature<sup>(3)</sup>

(a) VLAN Aggregation Service Establishment Charge

- Per Connection		Nonrecurring Charge <sup>(2)</sup>	USOC
		\$400.00	MTEQP

(b) VLAN Aggregation Network Assignment Charge

	Transport Payment Plan Rates <sup>(4)</sup>				
	Non-	A	B	C	
	Recurring	12-36	37-60	61-96	
	Charge <sup>(2)</sup>	Mos	Mos	Mos	USOC
- Per VLAN, Per Connection	\$ -	\$ 65.00	\$ 60.00	\$ 55.00	MTEQP

<sup>(1)</sup> Optional feature only available with a Premium Connection.

<sup>(2)</sup> This nonrecurring charge is applicable to service under a TPP arrangement.

<sup>(3)</sup> Optional feature only available with a Virtual Connection.

<sup>(4)</sup> All term plans for BellSouth Metro Ethernet Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after October 1, 2018, will instead expire on October 1, 2018. All such services existing on or after October 1, 2018, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after October 20, 2016. (N)  
 (N)  
 (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(B) Rates and charges for Transport Payment Plan

(11) CNM - Metro Ethernet Reporting Feature<sup>(1)</sup>

(a) CNM - Metro Ethernet Reporting, Service Establishment Charge

	Nonrecurring Charge <sup>(2)</sup>	<u>USOC</u>
- Per Customer Account	\$225.00	MTERE

(b) CNM - Metro Ethernet Reporting Charge

	Transport Payment Plan Rates <sup>(4)</sup>				
	Non-	A	B	C	
	Recurring	12-36	37-60	61-96	
	Charge <sup>(2)</sup>	Months	Months	Months	USOC
- Per Connection	\$ -	\$ 8.00	\$ 6.00	\$ 5.00	MTERC

(c) CNM - Metro Ethernet Reporting, Web Interface Charge

- First	-	-	-	-	MTER1
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	Transport Payment Plan Rates <sup>(4)</sup>				
	Non-	A	B	C	
	Recurring	12-36	37-60	61-96	
	Charge <sup>(2)</sup>	Months	Months	Months	USOC
- Each Additional	\$ 65.00	\$ 18.00	\$ 15.00	\$ 13.00	MTERW

(d) CNM - Metro Ethernet Reporting, Security Card<sup>(3)</sup>

	Nonrecurring Charge <sup>(2)</sup>	<u>USOC</u>
- Each	\$200.00	MTERS

<sup>(1)</sup> Optional feature only available with a Premium or Virtual Connection.

<sup>(2)</sup> This nonrecurring charge is applicable to service under a TPP arrangement.

<sup>(3)</sup> A Security Card is not available for new customer orders as set forth in Section 7.2.18.

<sup>(4)</sup> All term plans for BellSouth Metro Ethernet Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after October 1, 2018, will instead expire on October 1, 2018. All such services existing on or after October 1, 2018, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after October 20, 2016.

(N)  
 (N)  
 (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(B) Rates and charges for Transport Payment Plan

(12) Class of Service (CoS) Profile<sup>(1)</sup>

(a) Real-Time CoS<sup>(2)</sup>

	Non- Recurring Charge <sup>(3)</sup>	Transport Payment Plan Rates <sup>(4)</sup>			USOC
		A 12-36 Months	B 37-60 Months	C 61-96 Months	
- 10%	\$ -	\$ 54.00	\$ 54.00	\$ 54.00	MTETF
- 20%	-	108.00	108.00	108.00	MTETG
- 25%	-	135.00	135.00	135.00	MTETH
- 30%	-	162.00	162.00	162.00	MTETJ
- 35%	-	189.00	189.00	189.00	MTETK
- 40%	-	216.00	216.00	216.00	MTETL
- 50%	-	270.00	270.00	270.00	MTETM
- 70%	-	378.00	378.00	378.00	MTETO

(b) Interactive CoS<sup>(2)</sup>

- 10%	-	45.00	45.00	45.00	MTEVF
- 20%	-	90.00	90.00	90.00	MTEVG
- 25%	-	112.00	112.00	112.00	MTEVH
- 30%	-	135.00	135.00	135.00	MTEVJ
- 35%	-	157.00	157.00	157.00	MTEVK
- 40%	-	180.00	180.00	180.00	MTEVL
- 50%	-	225.00	225.00	225.00	MTEVM

<sup>(1)</sup> Each Virtual Connection requires the designation of a CoS profile with desired percentages of each CoS selected. The sum of the percentages for all CoS selected for a Virtual Connection must sum to 100%.

<sup>(2)</sup> The combined CoS bandwidth percentages selected in a customer's Virtual Connection CoS profile for Real-Time CoS plus Interactive CoS may not exceed 50%, except where the customer selects the 70% Real-Time CoS bandwidth percentage and has no Interactive traffic.

<sup>(3)</sup> This nonrecurring charge is applicable to service under a TPP Arrangement.

<sup>(4)</sup> All term plans for BellSouth Metro Ethernet Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after October 1, 2018, will instead expire on October 1, 2018. All such services existing on or after October 1, 2018, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after October 20, 2016.

(N)  
 (N)  
 (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(B) Rates and charges for Transport Payment Plan

(12) Class of Service (CoS) Profile<sup>(1)</sup>

(c) Business Critical CoS

	Non- Recurring Charge <sup>(2)</sup>	Transport Payment Plan Rates <sup>(3)</sup>			USOC
		A 12-36 Months	B 37-60 Months	C 61-96 Months	
- 10%	\$ -	\$ 27.00	\$ 27.00	\$ 27.00	MTEPF
- 20%	-	54.00	54.00	54.00	MTEPG
- 25%	-	67.00	67.00	67.00	MTEPH
- 30%	-	81.00	81.00	81.00	MTEPJ
- 35%	-	94.00	94.00	94.00	MTEPK
- 40%	-	108.00	108.00	108.00	MTEPL
- 50%	-	135.00	135.00	135.00	MTEPM
- 60%	-	162.00	162.00	162.00	MTEPN
- 75%	-	202.00	202.00	202.00	MTEPP
- 90%	-	243.00	243.00	243.00	MTEPQ
- 100%	-	270.00	270.00	270.00	MTEPR

(d) Best Effort CoS

- 10%	-	9.00	9.00	9.00	MTEBF
- 20%	-	18.00	18.00	18.00	MTEBG
- 25%	-	22.00	22.00	22.00	MTEBH
- 30%	-	27.00	27.00	27.00	MTEBJ
- 35%	-	31.00	31.00	31.00	MTEBK
- 40%	-	36.00	36.00	36.00	MTEBL
- 50%	-	45.00	45.00	45.00	MTEBM
- 60%	-	54.00	54.00	54.00	MTEBN
- 75%	-	67.00	67.00	67.00	MTEBP
- 90%	-	81.00	81.00	81.00	MTEBQ

<sup>(1)</sup> Each Virtual Connection requires the designation of a CoS profile with desired percentages of each CoS selected. The sum of the percentages for all CoS selected for a Virtual Connection must sum to 100%.

<sup>(2)</sup> This nonrecurring charge is applicable to service under a TPP Arrangement.

<sup>(3)</sup> All term plans for BellSouth Metro Ethernet Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after October 1, 2018, will instead expire on October 1, 2018. All such services existing on or after October 1, 2018, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after October 20, 2016.

(N)  
 (N)  
 (N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(B) Rates and charges for Transport Payment Plan

(13) Automatic Protection Switching (APS) Feature <sup>(1)</sup>: Selected to provide automatic protection switching in conjunction with a Basic, Premium or Virtual BellSouth Metro Ethernet Connection of 10 Mbps or higher. Applicable APS rate element based upon type of APS selected and actual total miles<sup>(2)</sup> (rounded up to next whole mile) based upon a customer-specific design as determined by the Telephone Company.

(a) Structural Protection

	Non-Recurring Charge <sup>(3)</sup>	Transport Payment Plan Rates <sup>(4)</sup>			USOC
		A 12-36 Mos	B 37-60 Mos	C 61-96 Mos	
- Per APS Arrangement of less than 10 route miles	\$ -	\$1250.00	\$1092.00	\$ 935.00	MTEAO
- Per APS Arrangement of 10 through 25 route miles	-	1496.00	1301.00	1126.00	MTEA1
- Per APS Arrangement of greater than 25 through 35 route miles	-	1798.00	1679.00	1530.00	MTEA2
- Per APS Arrangement of greater than 35 through 60 route miles	-	2452.00	2376.00	2134.00	MTEA3

(b) Route Protection

- Per APS Arrangement of less than 10 route miles	-	1470.00	1285.00	1100.00	MTEA5
- Per APS Arrangement of 10 through 25 route miles	-	1760.00	1530.00	1325.00	MTEA6
- Per APS Arrangement of greater than 25 through 35 route miles	-	2115.00	1975.00	1800.00	MTEA7
- Per APS Arrangement of greater than 35 through 60 route miles	-	2885.00	2795.00	2510.00	MTEA8

(14) Optical Termination Charge: An electrical termination on the customer premises is standard for 2, 4 and 8 Mbps Basic, Premium and Virtual Connections. Therefore, an Optical Termination Charge applies when an optional optical termination is requested and provided for a 2, 4 or 8 Mbps Connection.

(a) Per Optional Optical Termination

- Per Connection	-	30.00	30.00	30.00	MTEO1
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<sup>(1)</sup> Optional feature only available with a Basic, Premium or Virtual Connection of 10 Mbps or higher. (APS is not available for a 2 Mbps, 4 Mbps or 8 Mbps Basic, Premium or Virtual Connection.)

<sup>(2)</sup> Per definition of route mileage provided in Section 7.2.18(U).

<sup>(3)</sup> This nonrecurring charge is applicable to service under a TPP arrangement.

<sup>(4)</sup> All term plans for BellSouth Metro Ethernet Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after October 1, 2018, will instead expire on October 1, 2018. All such services existing on or after October 1, 2018, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after October 20, 2016.

(N)  
(N)  
(N)

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service

7.5 Rates and Charges

7.5.22 BellSouth Metro Ethernet Service

(B) Rates and charges for Transport Payment Plan

(15) Service Reconfiguration Charge

(a) Per Request

- Per Connection	Nonrecurring Charge <sup>(1)</sup> 200.00	USOC MTESR
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(16) System Reconfiguration Charge

(a) Per Request

- Per Connection	900.00	MTESY
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(17) Core Trunk Automatic Failover (CTAF) Feature: Selected to provide an SLA for Core Trunk Automatic Failover protection between Metro Ethernet core network wire centers in conjunction with Basic, Premium or Virtual Metro Ethernet Arrangements. The applicable CTAF rate element is based upon the actual total airline miles (rounded up to next whole mile) based upon a customer-specific design as determined by the Company.

If a customer's Metro Ethernet Connection communicates with more than one other Metro Ethernet Connection, such as a Point-to-Multipoint or Multipoint-to-Multipoint network configuration, the CTAF feature is billed once on the Metro Ethernet Connection at the greater than 25 airline miles up to 35 airline mile rate.

	A <sup>(2)</sup> 12 to 36 Months	B <sup>(2)</sup> 37 to 60 Months	C <sup>(2)</sup> 61 to 96 Months	USOC
(a) per CTAF Arrangement of less than 10 airline miles	\$450.00	\$325.00	\$250.00	MTEMP
(b) per CTAF Arrangement of 10 through 25 airline miles	600.00	550.00	450.00	MTEMQ
(c) per CTAF Arrangement of greater than 25 airline miles up to 35 airline miles	950.00	800.00	650.00	MTEMR
(d) per CTAF Arrangement of greater than 35 airline miles up to 60 airline miles	1,250.00	1,000.00	800.00	MTEMS
(e) per CTAF Arrangement of greater than 60 airline miles	1,750.00	1,450.00	1,200.00	MTEMT

<sup>(1)</sup> This nonrecurring charge is applicable to service under a TPP arrangement.

<sup>(2)</sup> All term plans for BellSouth Metro Ethernet Service which are established, renewed or extended after November 9, 2013, for term lengths which are scheduled to expire at any time after October 1, 2018, will instead expire on October 1, 2018. All such services existing on or after October 1, 2018, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established, renewed or extended after October 20, 2016. (N)  
(N)  
(N)