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December 14, 2007

Beth Salak, Director
Competitive Markets and Enforcement
Florida Public Service Commission
Attn: Tariff Section
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Dear Mrs. Salak:

Pursuant to Florida Statute 364.051 we are filing herewith revisions to our Private Line Service Tariff. Following are the affected pages:

<u>Private Line Service Tariff</u>	
Section B Contents	Second Revised Contents Page 1
Section B9	Second Revised Page 1 Third Revised Page 2 Second Revised Page 4 Second Revised Page 5 Second Revised Page 7 First Revised Page 8
Section B108	Original Contents Page 1 Original Page 1
Section B109	Original Contents Page 1 Original Page 1 Original Page 2

The purpose of this filing is obsolete certain service capabilities for BellSouth Wavelength Service that do not have any existing customers.

Acknowledgment, date of receipt and authority number of this filing are requested.

Yours very truly,

Jerry D. Hendrix (slg)

Regulatory Vice President

EXECUTIVE SUMMARY

Introduction

The purpose of this filing is to obsolete certain BellSouth Wavelength Service capabilities.

Description/Rationale for Proposed Tariff

BellSouth Wavelength Service provides high volume optical transport capabilities utilizing point-to-point and dedicated ring topologies. BellSouth Wavelength Service is available as either a Basic Arrangement or as a Dedicated Ring Arrangement. These arrangements provide various transparent transport and bit rate specific wavelength channels.

The Dedicated Ring Arrangement contains Primary System and Expansion System service components. These service components are further available with Single Bay or Dual Bay capabilities. The Single Bay arrangement has a 16 wavelength capability and the Dual Bay arrangement has a 32 wavelength capability.

With this filing, the Primary and Expansion System Dual Bay service arrangements are being obsoleted and the capacity for the Primary and Expansion System Single Bay service arrangement is being increased from 16 wavelengths to 32 wavelengths. This obsolescence and change is being made due to enhancements to the Primary and Expansion System equipment used to provide the Single Bay capability such that a customer now can grow to a full 32 wavelength arrangement without having to change service components.

Also, this filing obsoletes the 1.25 Gbps and 2.5 Gbps Wavelength Channels that are used with a Dedicated Ring Arrangement. These wavelengths are not available with the new Single Bay equipment. There has been no customer demand for these services to-date and the various assortment of other wavelengths that are available on a Dedicated Ring Arrangement are expected to fully meet customer needs.

Customer Effects

There are no customers with BellSouth Wavelength Service Dual Bay, 1.25 Gbps or 2.5 Gbps service components; therefore, this filing has no impact.

Revenue Impact

There is no change in rates with this filing; therefore, there is no revenue impact.

B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service

B9.1.1 General

- A. BellSouth Wavelength service provides high volume optical transport capabilities utilizing point-to-point and dedicated ring topologies. BellSouth Wavelength service is available in two (2) different service arrangements, i.e., a Basic Arrangement and a Dedicated Ring Arrangement. These service arrangements provide various transparent transport and bit rate specific wavelength channel service capabilities to support customer needs for broadband connectivity.
- B. The BellSouth Wavelength service Basic Arrangement provides dedicated bandwidth over shared facilities in point-to-point service configurations. The BellSouth Wavelength service Basic Arrangement provides the capability for customers to subscribe to individual transparent transport and bit rate specific Wavelength Channels, as identified in D. following, between two customer premises or between a customer premise and the primary serving Central Office of the customer premises. The BellSouth Wavelength service Basic Arrangement between two customer premise locations will be routed through a Telephone Company Central Office for purposes of alarming and monitoring the service.

BellSouth Wavelength service Basic Arrangement is available with Unprotected Wavelength Channels. BellSouth Wavelength service Basic Arrangement Unprotected Wavelength Channels may be configured in a Client Protection arrangement or with Channel Network Protection. With Client Protection, two (2) Unprotected Wavelength Channels interconnect with a customer's equipment to provide a level of protection for a customer's service. Customer provided equipment shall provide required switching between wavelength channels in a Client Protection arrangement. With Channel Network Protection, two (2) Unprotected Basic Arrangement Wavelength Channels are utilized in conjunction with Telephone Company equipment at a customer's premises to provide a level of survivability for a customer's service in case of a failure associated with one of the two (2) Unprotected Wavelength Channels.

- C. The BellSouth Wavelength service Dedicated Ring Arrangement provides dedicated bandwidth over dedicated facilities in a ring topology service configuration. A BellSouth Wavelength service Dedicated Ring Arrangement provides the capability for customers to activate wavelength channels between Service Node locations on the ring. A Service Node location is a location where equipment is located that provides customers add/drop connectivity to a BellSouth Wavelength service Dedicated Ring Arrangement via Primary System and Expansion System service components. These service components are considered ring level and contain the fiber transport associated with the service. A minimum of two (2) Service Node locations is required for a BellSouth Wavelength service Dedicated Ring Arrangement. This minimum configuration may be Service Nodes at either a customer-designated premises and a telephone company serving wire center, at two (2) telephone company serving wire centers or at two (2) customer-designated premises. Additional Service Node locations at customer-designated premises and/or at telephone company serving wire centers may be established, up to the limitation of the service. BellSouth Wavelength service Dedicated Ring Arrangement Wavelength Channels are available for the activation of wavelengths between Service Node locations.

For BellSouth Wavelength Service Dedicated Ring Arrangements with Service Node locations only at customer designated premises, a Monitoring Node may be required at a Telephone Company Central Office in order to assure proper operation of a customer's service and provide alarming/monitoring capability. A Monitoring Node does not contain the capability to add or drop services and will be provided at no additional charge to the customer. A Monitoring Node will appear on a customer's records as a non-rated USOC, as follows:

Monitoring Node, non-rated

USOC
W32MN

~~BellSouth Wavelength service Dedicated Ring Arrangements are available with Single Bay or Dual Bay service capabilities. The Single Bay arrangement allows the customer to activate up to 16-32 wavelengths between adjacent Service Node locations and a Dual Bay arrangement allow the customer to activate up to 32 wavelengths between adjacent Service Node locations. Both service configurations have Primary System and Expansion System service components that apply on a per physical bay basis. Single Bay BellSouth Wavelength service Dedicated Ring Arrangement service components are a Primary System – Single Bay and Expansion System – Single Bay. Dual Bay service components are a Primary System – Dual Bay and Expansion System – Dual Bay. Customers with a Single Bay arrangement whose wavelength requirement exceeds the capacity of his existing arrangement may add an additional separate Single Bay service arrangement or upgrade to a Dual Bay arrangement. For customer upgrades involving conversion of a Single Bay to a Dual Bay service arrangement, the conversion will result in a service outage of the customers Single Bay arrangement (outage credits will not apply for this conversion). (For Obsoleted Material See Section B109)~~

BellSouth Wavelength service Dedicated Ring Arrangements are available with Unprotected or with Optical Network Protected Wavelength Channels. Unprotected BellSouth Wavelength service Wavelength Channels for Dedicated Ring Arrangements may be configured with Client Protection. With Client Protection, two (2) Unprotected Wavelength Channels interconnect with a customer's equipment to provide a level of protection for a customer's service. Customer provided equipment shall provide required switching between wavelength channels in a Client Protection arrangement. With Optical

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PRIVATE LINE SERVICES TARIFF

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~~First Revised Page 1~~
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BY: Marshall M. Criser III, President -FL
Miami, Florida

Network Protected Wavelength Channels, two (2) wavelength channels are utilized in conjunction with Telephone Company equipment to provide a level of survivability for a customer's service in case of a failure associated with one of

B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service (Cont'd)

B9.1.1 General (Cont'd)

C. (Cont'd)

the two wavelengths. The protection option selected by customers for wavelength channels will determine the total number of Wavelength Channels available on Primary Systems and/or Expansion Systems.

A BellSouth Wavelength service Dedicated Ring Arrangement provides the capability for customers to transport transparent and bit rate specific Wavelength Channels, as identified in D. following.

A BellSouth Wavelength service Dedicated Ring Arrangement requires amplification when the distance between Service Node locations and/or characteristic of the fiber optic cable results in a transmission level that is not suitable for the service's proper operation. When amplification is required, it will be provided via an Optical Signal Amplification Node. An Optical Signal Amplification Node does not provide drop or add capabilities for Wavelength Channels and does not count toward the service's minimum requirement of two Service Nodes. Detailed engineering design will determine the need for amplification and its placement in the customer's network. Such amplification will be shown on the service inquiry and billed accordingly.

The fiber facilities utilized to provide a BellSouth Wavelength service Dedicated Ring Arrangement will have route diversity, where facilities are available, based on the routing of existing facilities serving a customer's location(s). Special Construction charges shall apply for customer request associated with additional diversity of fiber facilities.

D. The various Wavelength Channels that are available via a BellSouth Wavelength service Basic Arrangement or Dedicated Ring Arrangement are as follows:

<u>Wavelength Channels</u>	<u>Basic Arrangement</u>	<u>Dedicated Ring Arrangement</u>	
1.25 Gbps Transparent Transport	X	X (<i>Obsoleted, see Section B109</i>)	(O)
2.5 Gbps Transparent Transport	X	X (<i>Obsoleted, see Section B109</i>)	(O)
10 Gbps WAN Wavelength Transport	X	X	
10 Gbps LAN Wavelength Transport	X	X	(E)
OC-3 Wavelength Transport	X	X	
OC-12 Wavelength Transport	X	X	
OC-48 Wavelength Transport	X	X	
OC-192 Wavelength Transport	X	X	
Gigabit Ethernet at 1 Gbps Wavelength Transport	X ¹	X	
Fast Ethernet at 100Mbps Wavelength Transport		X	
Fibre Channel 100 Wavelength Transport		X	
Fibre Channel 200 Wavelength Transport		X	
Fiber Connection (FICON™) Wavelength Transport		X	
Fiber Connection Express (FICON™ Express) Wavelength Transport		X	
Enterprise System Connection (ESCON™) - Single Byte command code sets Connection (SBCON) Wavelength Transport		X	

The general description of the Wavelength Channels is as shown below. Detailed transport specifications, capabilities and line rates are described in TR 73630 BT.

- 1.25 Gbps Transparent Transport – provides a fiber based transport interface
- 2.5 Gbps Transparent Transport – provides a fiber based transport interface
- 10G WAN-PHY Wavelength Transport – a version of Ethernet with a WAN-PHY only interface.
- 10G LAN-PHY Wavelength Transport – a version of Ethernet with a LAN-PHY only interface.
- OC-3 Wavelength Transport – provides fiber based synchronous optical full duplex data transmission capability and a transparent data communications channel.
- OC-12 Wavelength Transport – provides fiber based synchronous optical full duplex data transmission capability and a transparent data communications channel.

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PRIVATE LINE SERVICES TARIFF

Third Revised Page 2~~Second Revised Page 2~~
~~Cancels Second Revised Page 2~~~~Cancels First Revised Page 2~~

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BY: Marshall M. Criser III, President -FL
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Note 1: For Basic Arrangements, the Gigabit Ethernet at 1 Gbps Wavelength Transport is available only as an Interoffice Channel for connecting a BellSouth Wavelength service Dedicated Ring Arrangement to LightGate service, SMARTRing service or to another BellSouth Wavelength service Dedicated Ring Arrangement.

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B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service (Cont'd)

B9.1.2 Application of Rates

- A. BellSouth Wavelength service Basic Arrangement Wavelength Channels are available for point-to point applications between two customer premises or for connection of a customer's premises to his BellSouth Wavelength service Dedicated Ring Arrangement in a telephone company central office. BellSouth Wavelength service Basic Arrangement service components are a Wavelength Local Channel and Wavelength Interoffice Channel. The Wavelength Local Channel rate element provides service between a customer's premises and the local telephone company central office. The Wavelength Interoffice Channel rate element provides service between telephone company central offices.
- B. For Basic Arrangement Wavelength Channels with Channel Network Protection, two (2) Unprotected Wavelength Local Channels and/or Interoffice Channels are configured as primary and secondary wavelengths between a customer's premises. The primary and secondary wavelengths utilize Channel Network Protection – Primary Wavelength and Channel Network Protection – Secondary Wavelength service components to provide network protection and apply per customer premise requested with network protection. (N)
- C. BellSouth Wavelength service Dedicated Ring Arrangement service components are a Primary System, Expansion System, Dedicated Ring Wavelength Channels, Optical Signal Amplification Node and Monitoring Node. (E)
- D. Prior to December 31, 2007, Primary System and Expansion System service components ~~are~~ were further classified as Single Bay and Dual Bay, depending on the arrangement ordered by a customer. The Single Bay arrangement ~~allows~~ allowed the customer to activate up to 16 wavelengths between adjacent Service Node locations. The Dual Bay arrangement ~~allows~~ allowed the customer to activate up to 32 wavelengths between adjacent Service Node locations. The quantity of activated wavelengths is dependent upon a customer's application of Unprotected, Client Protected and/or Optical Network Protected Wavelength Channels. Optical Network Protected Wavelength Channels are available for transport between two (2) customer premise Service Node locations on a Dedicated Ring Arrangement or for transport between a customer premise Service Node location and a telephone company serving wire center Service Node where they may only connect to another BellSouth Wavelength service Dedicated Ring Arrangement. (C)
- E. Effective December 31, 2007, Dual Bay service components are ~~obsoleted~~ and may be found in Section B109. Also, Primary System - Single Bay and Expansion System – Single Bay service components are being reclassified as Primary System and Expansion System, respectively. With this reclassification, a BellSouth Wavelength service Dedicated Ring Arrangement installed on or after December 31, 2007, will have the capability for a customer to activate up to 32 wavelengths between adjacent Service Node locations via a Primary System and Expansion Systems. The quantity of activated wavelengths is dependent upon a customer's application of Unprotected, Client Protected and/or Optical Network Protected Wavelength Channels. Optical Network Protected Wavelength Channels are available for transport between two (2) customer premise Service Node locations on a Dedicated Ring Arrangement or for transport between a customer premise Service Node location and a telephone company serving wire center Service Node where they may only connect to another BellSouth Wavelength service Dedicated Ring Arrangement. (N)
- ~~DE~~ Effective December 31, 2007, with the reclassification of Single Bay service components as described above, wavelengths ~~Wavelengths~~ are activated at Service Node locations on a BellSouth Wavelength service Dedicated Ring Arrangement Single Bay arrangement via Primary System – Single Bay and Expansion System – Single Bay service ~~component~~ components. The Primary System – Single Bay service component applies at each Service Node location on a customer's ring, and provides a the capability to activate up to 8 wavelengths east and west leaving a Service Node location. ~~Once the capability of the Primary System – Single Bay service component is utilized, in order to activate additional wavelengths, an Expansion System – Single Bay service component is required at each Service Node location on the ring. The Expansion System – Single Bay service component provides the capability to activate up to 8 east and west wavelengths leaving a Service Node location. One Primary System and three (3) Expansion System service components are required at each Service Node location in order to fully utilize the 32 wavelength capability of a Dedicated Ring Arrangement.~~ When a customer utilizes the wavelength capacity of a Primary System – Single Bay and Expansion System – Single Bay service arrangement, additional wavelengths may activated via another separate BellSouth Wavelength service Dedicated Ring Arrangement Single Bay arrangement or a customer may convert a Single Bay arrangement to a Dual Bay arrangement. Conversions of a Single Bay arrangement to a Dual Bay arrangement will involve a service outage associate with wavelength channels for which service outage credits do not apply. The BellSouth Wavelength service Dedicated Ring Arrangement Single Bay service components and capacities per Service Node location on a ring are as follows: (C)(F)

BellSouth Wavelength service Dedicated Ring Arrangement ~~Single Bay~~ Capacities and Service Components Per Service Node Location (C)

Service Component	Wavelengths Per Service Component
Primary System – Single Bay	8 East and 8 West

(C)

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~~Expansion System —Single Bay~~
~~Expansion System~~
~~Expansion System~~

8 East and 8 West
8 East and 8 West
8 East and 8 West

(C)
(N)
(N)

For example, the BellSouth Wavelength service Dedicated Ring Arrangement ~~Single Bay~~ ring level service components, per Service Node location, for a customer that has a need for ~~4-5-17~~ east and west wavelength channels would be a Primary System ~~—Single Bay~~ and an two (2) Expansion System ~~Systems—Single Bay~~. For BellSouth Wavelength service Dedicated Ring Arrangement Primary Systems and Expansion Systems installed prior to December 31, 2007 as Single Bay service components, a service outage for which service outage credits do not apply will be required in order to activate the 17th wavelength in the arrangement.

(C)

EG. (Obsoleted, see Section B109) ~~Wavelengths are activated at Service Node locations on a BellSouth Wavelength service Dedicated Ring Arrangement Dual Bay arrangement via Primary System—Dual Bay and Expansion System—Dual Bay service components. Two Primary System—Dual Bay service components apply per Service Node location in the dual bay configuration and have the capability to activate up to 8 east and west wavelengths leaving a Service Node location. Once the capability of the Primary System—Dual Bay service components are utilized, in order to activate additional wavelengths, Expansion System—Dual Bay service components are required at each Service Node location on the ring. A Dual Bay Expansion System is comprised of two (2) Expansion System—Dual Bay service components per Service Node location on a ring and provides the capability to activate up to 8 east and west leaving a Service Node location. Three (3) Dual Bay Expansion Systems may be added to Primary System—Dual Bay service components to provide the total capability of a Dual Bay service configuration.~~

(T)(O)(F)

(M)

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FLORIDA/ALABAMA

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BY: Marshall M. Criser III, President -FL/ BY: President -Alabama

Miami, Florida/Birmingham, Alabama

B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service (Cont'd)

B9.1.2 Application of Rates (Cont'd)

EG. *(Obsoleted, see Section B109)* (Cont'd)

(T)(O)(F)

The Dual Bay service components and capacities per Service Node location on a ring are further illustrated as follows:

(M)

Dual Bay Capacities and Service Components Per Service Node Location

(M)

Service Component	Wavelengths Per Service Component	
Primary System—Dual Bay (quantity of 2) (purchased in pairs)	8 East or 8 West	(M)
Expansion System—Dual Bay (quantity of 2) (purchased in pairs)	8 East or 8 West	(M)
Expansion System—Dual Bay (quantity of 2) (purchased in pairs)	8 East or 8 West	(M)
Expansion System—Dual Bay (quantity of 2) (purchased in pairs)	8 East or 8 West	(M)

For example, the Dual Bay ring level service components, per Service Node location, for a customer that has a need for 15 east and west wavelength channels would be two (2) Primary System—Dual Bay and two (2) Expansion System—Dual Bay. If the customer's requirements for wavelength channels increased to 17 east and west wavelength channels, two (2) additional Expansion System—Dual Bay service component would apply per Service Node location. In order to fully utilize the 32 east and west wavelength capability of this Dual Bay example, two (2) more Expansion System—Dual Bay service component would apply per Service Node location on the ring.

H. BellSouth Wavelength service Dedicated Ring Arrangement Wavelength Channel rates and charges apply for the wavelengths activated between Service Node locations on the ring. (T)

I. The Optical Signal Amplification Node applies per location requiring amplification to meet the services transmission requirements. Optical Signal Amplification Nodes will be specified on the service inquiry and billed accordingly. (T)

FL. In order to accommodate more flexible customer situations, BellSouth Wavelength service arrangements are available under several payment plans: Month-to-Month, 36 Month Term Payment Plan (24-48 months), 60 Month Term Payment Plan (49-72 months), or 84 Month Term Payment Plan (73-96 months). The month-to-month service arrangement is only available upon completion of a Channel Services Payment Plan agreement. The 36, 60, and 84 Month Term Payment Plans are provided under conditions specified in the Channel Services Payment Plan, (CSPP), B2.4.9 preceding, except as modified following. For all payment plans, the following regulations apply: (T)(F)

1. All Primary System and Expansion System rate elements associated with a BellSouth Wavelength service Dedicated Ring Arrangement, whether ordered initially or subsequent to the initial installation, must be provided under the same CSPP payment plan with the same service period and are coterminous upon disconnect of the BellSouth Wavelength service.
2. The minimum service period for BellSouth Wavelength service components is 24 months.
3. BellSouth Wavelength service wavelength channels must initially be provided under a CSPP service arrangement. BellSouth Wavelength service wavelength channels associated with a BellSouth Wavelength service Dedicated Ring Arrangement are not required to be under the same CSPP payment plan or service period as their associated BellSouth Wavelength service Dedicated Ring Arrangement
4. The rates applicable to a month-to-month payment plan are subject to Company initiated changes.
5. 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 fifty percent (50%) of the monthly rates for BellSouth Wavelength service which include all service components under the CSPP arrangement.
6. When a service period under an existing CSPP arrangement is completed and a customer elects to revert to a month-to-month payment option, no minimum period is applicable. If the customer does not select a new payment period or does not request discontinuance of service, service will be continued under the terms specified in B2.4 of this Tariff.
7. Each BellSouth Wavelength service Basic Arrangement wavelength channel is an individual standalone payment plan, independent of any other BellSouth Wavelength service payment plan subscribed to by a customer.

GK. When Wavelength Channels are setup in a Client Protection arrangement, there is no charge for establishing Client Protection if it is setup at the time the associated Wavelength Channels are activated. If Client Protection is established on Wavelength Channels subsequent to their activation, a Client Protection Rearrangement Charge applies per existing Wavelength Channel configured for Client Protection. This charge would also apply if a customer has Client Protection existing and wants to rearrange the Wavelength Channels associated with the existing Client Protection arrangement. Also, if a customer removes channels from an existing Client Protection arrangement, the Client Protection Rearrangement Charge applies to the (T)(F)

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~~BY: Marshall M. Criser III, President -FL~~
~~BY: President -Alabama~~
~~Miami, Florida~~
~~Birmingham, Alabama~~

Wavelength Channel(s) that are removed from the Client Protection arrangement, unless both the Wavelength Channels are disconnected.

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~~Miami, Florida~~ Birmingham, Alabama

B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service (Cont'd)

B9.1.3 Rates and Charges (Cont'd)

B. BellSouth Wavelength service Dedicated Ring Arrangement

1. Primary System

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a) Per Primary System — Single Bay ¹	\$2,000.00	\$7,180.00	\$5,525.00	\$4,695.00	\$3,990.00	W32RA	(C)
(b) (Obsoleted, see Section B109) Per Primary System — Dual Bay¹	3,000.00	3,775.00	2,905.00	2,525.00	2,195.00	W32RB	(O)

2. Expansion System

(a) Per Expansion System — Single Bay ¹	1,500.00	2,795.00	2,150.00	1,870.00	1,625.00	W32RC	(C)
(b) (Obsoleted, see Section B109) Per Expansion System — Dual Bay¹	2,000.00	1,365.00	1,050.00	910.00	790.00	W32RD	(O)

3. Wavelength Channel

(a) (Obsoleted, see Section B109) Per 1.25 Gbps Transparent Transport Unprotected	2,000.00	3,480.00	2,675.00	2,325.00	2,000.00	W32DA	(O)
(b) (Obsoleted, see Section B109) Per 2.5 Gbps Transparent Transport Unprotected	2,500.00	6,210.00	4,775.00	4,150.00	3,610.00	W32DC	(O)
(c) Per 10 Gbps WAN Wavelength Transport Unprotected	3,000.00	11,690.00	8,990.00	7,820.00	6,800.00	W32DE	
(d) Per 10 Gbps LAN Wavelength Transport Unprotected	3,000.00	11,690.00	8,990.00	7,820.00	6,800.00	W32DG	
(e) Per OC-3 Wavelength Transport Unprotected	2,000.00	3,035.00	2,020.00	1,760.00	1,530.00	W32DJ	
(f) Per OC-12 Wavelength Transport Unprotected	2,000.00	3,480.00	2,675.00	2,325.00	2,000.00	W32DL	
(g) Per OC-48 Wavelength Transport Unprotected	2,500.00	6,210.00	4,775.00	4,150.00	3,610.00	W32DN	
(h) Per OC-192 Wavelength Transport Unprotected	3,000.00	11,690.00	8,990.00	7,820.00	6,800.00	W32DP	
(i) Per Gigabit Ethernet at 1 Gbps Wavelength Transport Unprotected	2,000.00	3,115.00	2,395.00	2,085.00	1,800.00	W32DR	
(j) Per Fibre Channel 100 Wavelength Transport Unprotected	2,000.00	3,115.00	2,395.00	2,085.00	1,800.00	W32DT	
(k) Per Fibre Channel 200 Wavelength Transport Unprotected	2,500.00	5,590.00	4,300.00	3,740.00	3,250.00	W32DV	
(l) Per Fast Ethernet at 100 Mbps Wavelength Transport Unprotected	2,000.00	1,695.00	1,305.00	1,135.00	990.00	W32DX	
(m) Per Fibre Connection™ Channel Wavelength Transport Unprotected	2,000.00	3,115.00	2,395.00	2,085.00	1,800.00	W32DZ	
(n) Per Fibre Connection™ Express Channel Wavelength Transport Unprotected	2,500.00	5,590.00	4,300.00	3,740.00	3,250.00	W32D2	
(o) Per Enterprise System Connection™ — SBCON Channel Wavelength Transport Unprotected	2,000.00	1,760.00	1,355.00	1,175.00	1,025.00	W32D4	

(M)

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PRIVATE LINE SERVICES TARIFF

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~~EFFECTIVE: April 7, 2006~~

~~BY: Marshall M. Criser III, President - FL~~
~~BY: President - Alabama~~

~~Miami, Florida~~
~~Birmingham, Alabama~~

Note 1: See B9.1.2C, ~~B9.1.2D~~, ~~B9.1.2E~~ and B9.1.2D~~F~~ preceding for the rate application per Service Node location on a BellSouth Wavelength service Dedicated Ring Arrangement. (C)

~~Material previously appearing on this page now appears on page(s) 8 of this section.~~

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ISSUED: December 14, 2007

EFFECTIVE: December 31, 2007

BY: Marshall M. Criser III, President -FL
Miami, Florida

B9. OPTICAL NETWORK SERVICE (N)

B9.1 BellSouth Wavelength Service (Cont'd) (N)

B9.1.3 Rates and Charges (Cont'd) (N)

B. BellSouth Wavelength service Dedicated Ring Arrangement (Cont'd) (N)

3. Wavelength Channel (Cont'd) (N)

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(p) <i>(Obsoleted, see Section B109)</i> Per 1.25 Gbps Transparent Transport Optical Network Protected ¹	\$2,000.00	\$5,916.00	\$4,548.00	\$3,953.00	\$3,400.00	W32DB	(O)(N)
(q) <i>(Obsoleted, see Section B109)</i> Per 2.5 Gbps Transparent Transport Optical Network Protected ¹	2,500.00	10,557.00	8,118.00	7,055.00	6,137.00	W32DD	(O)(N)
(r) Per 10 Gbps WAN Wavelength Transport Optical Network Protected ¹	\$3,000.00	\$19,873.00	\$15,283.00	\$13,294.00	\$11,560.00	W32DF	(T)(N)
(s) Per 10 Gbps LAN Wavelength Transport Optical Network Protected ¹	3,000.00	19,873.00	15,283.00	13,294.00	11,560.00	W32DH	(N)
(t) Per OC-3 Wavelength Transport Optical Network Protected ¹	2,000.00	5,160.00	3,434.00	2,992.00	2,601.00	W32DK	(N)
(u) Per OC-12 Wavelength Transport Optical Network Protected ¹	2,000.00	5,916.00	4,548.00	3,953.00	3,400.00	W32DM	(N)
(v) Per OC-48 Wavelength Transport Optical Network Protected ¹	2,500.00	10,557.00	8,118.00	7,055.00	6,137.00	W32DO	(N)
(w) Per OC-192 Wavelength Transport Optical Network Protected ¹	3,000.00	19,873.00	15,283.00	13,294.00	11,560.00	W32DQ	(N)
(x) Per Gigabit Ethernet at 1 Gbps Wavelength Transport Optical Network Protected ¹	2,000.00	5,296.00	4,072.00	3,545.00	3,060.00	W32DS	(N)
(y) Per Fibre Channel 100 Wavelength Transport Optical Network Protected ¹	2,000.00	5,296.00	4,072.00	3,545.00	3,060.00	W32DU	(N)
(z) Per Fibre Channel 200 Wavelength Transport Optical Network Protected ¹	2,500.00	9,503.00	7,310.00	6,358.00	5,525.00	W32DW	(N)
(aa) Per Fast Ethernet at 100 Mbps Wavelength Transport Optical Network Protected ¹	2,000.00	2,882.00	2,219.00	1,930.00	1,683.00	W32DY	(N)
(ab) Per Fibre Connection TM Channel Wavelength Transport Optical Network Protected ¹	2,000.00	5,296.00	4,072.00	3,545.00	3,060.00	W32D1	(N)
(ac) Per Fibre Connection TM Express Channel Wavelength Transport Optical Network Protected ¹	2,500.00	9,503.00	7,310.00	6,358.00	5,525.00	W32D3	(N)
(ad) Per Enterprise System Connection TM - SBCON Channel Wavelength Transport Optical Network Protected ¹	2,000.00	2,992.00	2,304.00	1,998.00	1,743.00	W32D5	(N)

4. Amplification (M)

(a) Optical Signal Amplification Node, Per Node	2,000.00	3,440.00	2,645.00	2,300.00	2,000.00	W32RE	(M)
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C. BellSouth Wavelength service Client Protection Rearrangement Charge (M)

(a) Client Protection Rearrangement Charge Subsequent to initial installation	1,500.00	-	-	-	-	CPROT	(M)
---	----------	---	---	---	---	-------	-----

Note 1: Optical Network Protected Wavelength Channels are available for transport between two (2) customer premise Service Node locations on a Dedicated Ring Arrangement or for transport between a customer premise Service Node location and a telephone company serving wire center Service Node where they may connect to another BellSouth Wavelength service Dedicated Ring Arrangement or to BellSouth Wavelength service Basic Arrangement Unprotected wavelength channels that are not configured with Channel Network Protection. (N)

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EFFECTIVE: December 31, 2007

BY: Marshall M. Criser III, President -FL

Miami, Florida

B108. OBSOLETE SERVICE OFFERINGS – RESERVED FOR FUTURE USE

(N)

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(N)

Reserved for Future Use

(N)

FLORIDA

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BY: Marshall M. Criser III, President -FL
Miami, Florida

B108. OBSOLETE SERVICE OFFERINGS – RESERVED FOR FUTURE USE

(N)

Reserved for Future Use

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FLORIDA

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BY: Marshall M. Criser III, President -FL

Miami, Florida

B109. OBSOLETE SERVICE OFFERINGS – OPTICAL NETWORK SERVICE (N)

B109.1 BellSouth Wavelength Service (N)

(Obsoleted 12-31-07, Type 4; BellSouth Wavelength service Dual Bay service capabilities are not available for new installations, moves or transfers. Existing Dual Bay service arrangement customers may continue to add Dual Bay Expansion Systems and Wavelength Channels up to the capacity of their existing arrangement.) (N)

(Obsoleted 12-31-07), Type 4; 1.25 Gbps Transparent Transport and 2.5 Gbps Transparent Transport Wavelength Channels are available for use only with Dedicated Ring Service Arrangements that are in place as of the obsolescence date. Existing customers may continue to add these services up to the capacity of their Dedicated Ring Service Arrangements.) (N)

B109.1.1 General (N)

BellSouth Wavelength service Dedicated Ring Arrangements are available with Dual Bay service capabilities. A Dual Bay arrangement allow the customer to activate up to 32 wavelengths between adjacent Service Node locations. Dual Bay service configurations have Primary System and Expansion System service components that apply on a per physical bay basis. Dual Bay service components are a Primary System – Dual Bay and Expansion System – Dual Bay. (O)

The various Wavelength Channels that are available via a BellSouth Wavelength service Dedicated Ring Arrangement are as follows: (N)

<u>Wavelength Channels</u>	<u>Dedicated Ring Arrangement</u>	
<u>1.25 Gbps Transparent Transport</u>	X	(O)
<u>2.5 Gbps Transparent Transport</u>	X	(O)

B109.1.2 Application of Rates (N)

Wavelengths are activated at Service Node locations on a BellSouth Wavelength service Dedicated Ring Arrangement Dual Bay arrangement via Primary System - Dual Bay and Expansion System - Dual Bay service components. Two Primary System – Dual Bay service components apply per Service Node location in the dual bay configuration and have the capability to activate up to 8 east and west wavelengths leaving a Service Node location. Once the capability of the Primary System - Dual Bay service components are utilized, in order to activate additional wavelengths, Expansion System – Dual Bay service components are required at each Service Node location on the ring. A Dual Bay Expansion System is comprised of two (2) Expansion System – Dual Bay service components per Service Node location on a ring and provides the capability to activate up to 8 east and west leaving a Service Node location. Three (3) Dual Bay Expansion Systems may be added to Primary System - Dual Bay service components to provide the total capability of a Dual Bay service configuration. (O)

The Dual Bay service components and capacities per Service Node location on a ring are further illustrated as follows: (O)

<u>Dual Bay Capacities and Service Components Per Service Node Location</u>		
<u>Service Component</u>	<u>Wavelengths Per Service Component</u>	
<u>Primary System – Dual Bay (quantity of 2) (purchased in pairs)</u>	<u>8 East or 8 West</u>	(O)
<u>Expansion System – Dual Bay (quantity of 2) (purchased in pairs)</u>	<u>8 East or 8 West</u>	(O)
<u>Expansion System – Dual Bay (quantity of 2) (purchased in pairs)</u>	<u>8 East or 8 West</u>	(O)
<u>Expansion System – Dual Bay (quantity of 2) (purchased in pairs)</u>	<u>8 East or 8 West</u>	(O)

For example, the Dual Bay ring level service components, per Service Node location, for a customer that has a need for 15 east and west wavelength channels would be two (2) Primary System – Dual Bay and two (2) Expansion System – Dual Bay. If the customer’s requirements for wavelength channels increased to 17 east and west wavelength channels, two (2) additional Expansion System – Dual Bay service component would apply per Service Node location. In order to fully utilize the 32 east and west wavelength capability of this Dual Bay example, two (2) more Expansion System – Dual Bay service component would apply per Service Node location on the ring. (O)

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B109. OBSOLETE SERVICE OFFERINGS – OPTICAL NETWORK SERVICE

(N)

B109.1 BellSouth Wavelength (Cont'd)

(N)

B109.1.3 Rates and Charges

(N)

A. BellSouth Wavelength service Dedicated Ring Arrangement

(N)

1. Primary System

(N)

	<u>Nonrecurring Charge</u>	<u>Month to Month</u>	<u>24 to 48 Months</u>	<u>49 to 72 Months</u>	<u>73 to 96 Months</u>	<u>USOC</u>	
(a) <u>Per Primary System – Dual Bay¹</u>	<u>\$3,000.00</u>	<u>\$3,775.00</u>	<u>\$2,905.00</u>	<u>\$2,525.00</u>	<u>\$2,195.00</u>	<u>W32RB</u>	(O)(T)
<u>2. Expansion System</u>							
(a) <u>Per Expansion System – Dual Bay¹</u>	<u>2,000.00</u>	<u>1,365.00</u>	<u>1,050.00</u>	<u>910.00</u>	<u>790.00</u>	<u>W32RD</u>	(O)
<u>3. Wavelength Channel</u>							
(a) <u>Per 1.25 Gbps Transparent Transport Unprotected</u>	<u>2,000.00</u>	<u>3,480.00</u>	<u>2,675.00</u>	<u>2,325.00</u>	<u>2,000.00</u>	<u>W32DA</u>	(O)
(b) <u>Per 2.5 Gbps Transparent Transport Unprotected</u>	<u>2,500.00</u>	<u>6,210.00</u>	<u>4,775.00</u>	<u>4,150.00</u>	<u>3,610.00</u>	<u>W32DC</u>	(O)
(c) <u>Per 1.25 Gbps Transparent Transport Optical Network Protected¹</u>	<u>2,000.00</u>	<u>5,916.00</u>	<u>4,548.00</u>	<u>3,953.00</u>	<u>3,400.00</u>	<u>W32DB</u>	(O)
(d) <u>Per 2.5 Gbps Transparent Transport Optical Network Protected¹</u>	<u>2,500.00</u>	<u>10,557.00</u>	<u>8,118.00</u>	<u>7,055.00</u>	<u>6,137.00</u>	<u>W32DD</u>	(O)

Note 1: See B109.1.2 preceding for the rate application per Service Node location on a BellSouth Wavelength service Dedicated Ring Arrangement. (N)

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B109. OBSOLETE SERVICE OFFERINGS – OPTICAL NETWORK SERVICE

(N)

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B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service

B9.1.1 General

- A. BellSouth Wavelength service provides high volume optical transport capabilities utilizing point-to-point and dedicated ring topologies. BellSouth Wavelength service is available in two (2) different service arrangements, i.e., a Basic Arrangement and a Dedicated Ring Arrangement. These service arrangements provide various transparent transport and bit rate specific wavelength channel service capabilities to support customer needs for broadband connectivity.
- B. The BellSouth Wavelength service Basic Arrangement provides dedicated bandwidth over shared facilities in point-to-point service configurations. The BellSouth Wavelength service Basic Arrangement provides the capability for customers to subscribe to individual transparent transport and bit rate specific Wavelength Channels, as identified in D. following, between two customer premises or between a customer premise and the primary serving Central Office of the customer premises. The BellSouth Wavelength service Basic Arrangement between two customer premise locations will be routed through a Telephone Company Central Office for purposes of alarming and monitoring the service.

BellSouth Wavelength service Basic Arrangement is available with Unprotected Wavelength Channels. BellSouth Wavelength service Basic Arrangement Unprotected Wavelength Channels may be configured in a Client Protection arrangement or with Channel Network Protection. With Client Protection, two (2) Unprotected Wavelength Channels interconnect with a customer's equipment to provide a level of protection for a customer's service. Customer provided equipment shall provide required switching between wavelength channels in a Client Protection arrangement. With Channel Network Protection, two (2) Unprotected Basic Arrangement Wavelength Channels are utilized in conjunction with Telephone Company equipment at a customer's premises to provide a level of survivability for a customer's service in case of a failure associated with one of the two (2) Unprotected Wavelength Channels.

- C. The BellSouth Wavelength service Dedicated Ring Arrangement provides dedicated bandwidth over dedicated facilities in a ring topology service configuration. A BellSouth Wavelength service Dedicated Ring Arrangement provides the capability for customers to activate wavelength channels between Service Node locations on the ring. A Service Node location is a location where equipment is located that provides customers add/drop connectivity to a BellSouth Wavelength service Dedicated Ring Arrangement via Primary System and Expansion System service components. These service components are considered ring level and contain the fiber transport associated with the service. A minimum of two (2) Service Node locations is required for a BellSouth Wavelength service Dedicated Ring Arrangement. This minimum configuration may be Service Nodes at either a customer-designated premises and a telephone company serving wire center, at two (2) telephone company serving wire centers or at two (2) customer-designated premises. Additional Service Node locations at customer-designated premises and/or at telephone company serving wire centers may be established, up to the limitation of the service. BellSouth Wavelength service Dedicated Ring Arrangement Wavelength Channels are available for the activation of wavelengths between Service Node locations.

For BellSouth Wavelength Service Dedicated Ring Arrangements with Service Node locations only at customer designated premises, a Monitoring Node may be required at a Telephone Company Central Office in order to assure proper operation of a customer's service and provide alarming/monitoring capability. A Monitoring Node does not contain the capability to add or drop services and will be provided at no additional charge to the customer. A Monitoring Node will appear on a customer's records as a non-rated USOC, as follows:

Monitoring Node, non-rated

USOC
W32MN

BellSouth Wavelength service Dedicated Ring Arrangements allow the customer to activate up to 32 wavelengths between adjacent Service Node locations. *BellSouth Wavelength service Dedicated Ring Arrangement* service components are a Primary System and Expansion System. *(For Obsoleted Material See Section B109)*

(C)(O)

BellSouth Wavelength service Dedicated Ring Arrangements are available with Unprotected or with Optical Network Protected Wavelength Channels. Unprotected BellSouth Wavelength service Wavelength Channels for Dedicated Ring Arrangements may be configured with Client Protection. With Client Protection, two (2) Unprotected Wavelength Channels interconnect with a customer's equipment to provide a level of protection for a customer's service. Customer provided equipment shall provide required switching between wavelength channels in a Client Protection arrangement. With Optical Network Protected Wavelength Channels, two (2) wavelength channels are utilized in conjunction with Telephone Company equipment to provide a level of survivability for a customer's service in case of a failure associated with one of

B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service (Cont'd)

B9.1.1 General (Cont'd)

C. (Cont'd)

the two wavelengths. The protection option selected by customers for wavelength channels will determine the total number of Wavelength Channels available on Primary Systems and/or Expansion Systems.

A BellSouth Wavelength service Dedicated Ring Arrangement provides the capability for customers to transport transparent and bit rate specific Wavelength Channels, as identified in D. following.

A BellSouth Wavelength service Dedicated Ring Arrangement requires amplification when the distance between Service Node locations and/or characteristic of the fiber optic cable results in a transmission level that is not suitable for the service's proper operation. When amplification is required, it will be provided via an Optical Signal Amplification Node. An Optical Signal Amplification Node does not provide drop or add capabilities for Wavelength Channels and does not count toward the service's minimum requirement of two Service Nodes. Detailed engineering design will determine the need for amplification and its placement in the customer's network. Such amplification will be shown on the service inquiry and billed accordingly.

The fiber facilities utilized to provide a BellSouth Wavelength service Dedicated Ring Arrangement will have route diversity, where facilities are available, based on the routing of existing facilities serving a customer's location(s). Special Construction charges shall apply for customer request associated with additional diversity of fiber facilities.

D. The various Wavelength Channels that are available via a BellSouth Wavelength service Basic Arrangement or Dedicated Ring Arrangement are as follows:

<u>Wavelength Channels</u>	<u>Basic Arrangement</u>	<u>Dedicated Ring Arrangement</u>	
1.25 Gbps Transparent Transport	X	<i>(Obsoleted, see Section B109)</i>	(O)
2.5 Gbps Transparent Transport	X	<i>(Obsoleted, see Section B109)</i>	(O)
10 Gbps WAN Wavelength Transport	X	X	
10 Gbps LAN Wavelength Transport	X	X	
OC-3 Wavelength Transport	X	X	
OC-12 Wavelength Transport	X	X	
OC-48 Wavelength Transport	X	X	
OC-192 Wavelength Transport	X	X	
Gigabit Ethernet at 1 Gbps Wavelength Transport	X ¹	X	
Fast Ethernet at 100Mbps Wavelength Transport		X	
Fibre Channel 100 Wavelength Transport		X	
Fibre Channel 200 Wavelength Transport		X	
Fiber Connection (FICON™) Wavelength Transport		X	
Fiber Connection Express (FICON™ Express) Wavelength Transport		X	
Enterprise System Connection (ESCON™) - Single Byte command code sets Connection (SBCON) Wavelength Transport		X	

The general description of the Wavelength Channels is as shown below. Detailed transport specifications, capabilities and line rates are described in TR 73630 BT.

- 1.25 Gbps Transparent Transport – provides a fiber based transport interface
- 2.5 Gbps Transparent Transport – provides a fiber based transport interface
- 10G WAN-PHY Wavelength Transport – a version of Ethernet with a WAN-PHY only interface.
- 10G LAN-PHY Wavelength Transport – a version of Ethernet with a LAN-PHY only interface.
- OC-3 Wavelength Transport – provides fiber based synchronous optical full duplex data transmission capability and a transparent data communications channel.
- OC-12 Wavelength Transport – provides fiber based synchronous optical full duplex data transmission capability and a transparent data communications channel.

Note 1: For Basic Arrangements, the Gigabit Ethernet at 1 Gbps Wavelength Transport is available only as an Interoffice Channel for connecting a BellSouth Wavelength service Dedicated Ring Arrangement to LightGate service, SMARTRing service or to another BellSouth Wavelength service Dedicated Ring Arrangement.

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B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service (Cont'd)

B9.1.2 Application of Rates

- A. BellSouth Wavelength service Basic Arrangement Wavelength Channels are available for point-to point applications between two customer premises or for connection of a customer's premises to his BellSouth Wavelength service Dedicated Ring Arrangement in a telephone company central office. BellSouth Wavelength service Basic Arrangement service components are a Wavelength Local Channel and Wavelength Interoffice Channel. The Wavelength Local Channel rate element provides service between a customer's premises and the local telephone company central office. The Wavelength Interoffice Channel rate element provides service between telephone company central offices.
- B. For Basic Arrangement Wavelength Channels with Channel Network Protection, two (2) Unprotected Wavelength Local Channels and/or Interoffice Channels are configured as primary and secondary wavelengths between a customer's premises. The primary and secondary wavelengths utilize Channel Network Protection – Primary Wavelength and Channel Network Protection – Secondary Wavelength service components to provide network protection and apply per customer premise requested with network protection.
- C. BellSouth Wavelength service Dedicated Ring Arrangement service components are a Primary System, Expansion System, Dedicated Ring Wavelength Channels, Optical Signal Amplification Node and Monitoring Node.
- D. *Prior to December 31, 2007*, Primary System and Expansion System service components *were* further classified as Single Bay and Dual Bay, depending on the arrangement ordered by a customer. The Single Bay arrangement *allowed* the customer to activate up to 16 wavelengths between adjacent Service Node locations. The Dual Bay arrangement *allowed* the customer to activate up to 32 wavelengths between adjacent Service Node locations. The quantity of activated wavelengths is dependent upon a customer's application of Unprotected, Client Protected and/or Optical Network Protected Wavelength Channels. Optical Network Protected Wavelength Channels are available for transport between two (2) customer premise Service Node locations on a Dedicated Ring Arrangement or for transport between a customer premise Service Node location and a telephone company serving wire center Service Node where they may only connect to another BellSouth Wavelength service Dedicated Ring Arrangement. (C)
- E. Effective December 31, 2007, Dual Bay service components are obsoleted and may be found in Section B109. Also, Primary System - Single Bay and Expansion System – Single Bay service components are being reclassified as Primary System and Expansion System, respectively. With this reclassification, a BellSouth Wavelength service Dedicated Ring Arrangement installed on or after December 31, 2007, will have the capability for a customer to activate up to 32 wavelengths between adjacent Service Node locations via a Primary System and Expansion Systems. The quantity of activated wavelengths is dependent upon a customer's application of Unprotected, Client Protected and/or Optical Network Protected Wavelength Channels. Optical Network Protected Wavelength Channels are available for transport between two (2) customer premise Service Node locations on a Dedicated Ring Arrangement or for transport between a customer premise Service Node location and a telephone company serving wire center Service Node where they may only connect to another BellSouth Wavelength service Dedicated Ring Arrangement. (N)
- F. *Effective December 31, 2007, with the reclassification of Single Bay service components as described above, wavelengths* are activated at Service Node locations on a BellSouth Wavelength service Dedicated Ring Arrangement via Primary System and Expansion System service *components*. The Primary System service component applies at each Service Node location on a customer's ring, and provides the capability to activate up to 8 wavelengths east and west leaving a Service Node location. The Expansion System service component provides the capability to activate up to 8 east and west wavelengths leaving a Service Node location. *One Primary System and three (3) Expansion System service components are required at each Service Node location in order to fully utilize the 32 wavelength capability of a Dedicated Ring Arrangement. The BellSouth Wavelength service Dedicated Ring Arrangement* service components and capacities per Service Node location on a ring are as follows: (C)

BellSouth Wavelength service Dedicated Ring Arrangement Capacities and Service Components Per Service Node Location (C)

<u>Service Component</u>	<u>Wavelengths Per Service Component</u>	
Primary System	8 East and 8 West	(C)
Expansion System	8 East and 8 West	(C)
Expansion System	8 East and 8 West	(N)
Expansion System	8 East and 8 West	(N)

For example, the *BellSouth Wavelength service Dedicated Ring Arrangement* ring level service components, per Service Node location, for a customer that has a need for 17 east and west wavelength channels would be a Primary System and *two (2) Expansion Systems*. *For BellSouth Wavelength service Dedicated Ring Arrangement Primary Systems and Expansion Systems installed prior to December 31, 2007 as Single Bay service components, a service outage for which service outage credits do not apply will be required in order to activate the 17th wavelength in the arrangement.* (C)

- G. (Obsoleted, see Section B109) (O)(T)

B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service (Cont'd)

B9.1.2 Application of Rates (Cont'd)

- G.** *(Obsoleted, see Section B109)*(Cont'd) (T)(O)
- H.** BellSouth Wavelength service Dedicated Ring Arrangement Wavelength Channel rates and charges apply for the wavelengths activated between Service Node locations on the ring. (T)
- I.** The Optical Signal Amplification Node applies per location requiring amplification to meet the services transmission requirements. Optical Signal Amplification Nodes will be specified on the service inquiry and billed accordingly. (T)
- J.** In order to accommodate more flexible customer situations, BellSouth Wavelength service arrangements are available under several payment plans: Month-to-Month, 36 Month Term Payment Plan (24-48 months), 60 Month Term Payment Plan (49-72 months), or 84 Month Term Payment Plan (73-96 months). The month-to-month service arrangement is only available upon completion of a Channel Services Payment Plan agreement. The 36, 60, and 84 Month Term Payment Plans are provided under conditions specified in the Channel Services Payment Plan, (CSPP), B2.4.9 preceding, except as modified following. For all payment plans, the following regulations apply: (T)
1. All Primary System and Expansion System rate elements associated with a BellSouth Wavelength service Dedicated Ring Arrangement, whether ordered initially or subsequent to the initial installation, must be provided under the same CSPP payment plan with the same service period and are coterminous upon disconnect of the BellSouth Wavelength service.
 2. The minimum service period for BellSouth Wavelength service components is 24 months.
 3. BellSouth Wavelength service wavelength channels must initially be provided under a CSPP service arrangement. BellSouth Wavelength service wavelength channels associated with a BellSouth Wavelength service Dedicated Ring Arrangement are not required to be under the same CSPP payment plan or service period as their associated BellSouth Wavelength service Dedicated Ring Arrangement
 4. The rates applicable to a month-to-month payment plan are subject to Company initiated changes.
 5. 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 fifty percent (50%) of the monthly rates for BellSouth Wavelength service which include all service components under the CSPP arrangement.
 6. When a service period under an existing CSPP arrangement is completed and a customer elects to revert to a month-to-month payment option, no minimum period is applicable. If the customer does not select a new payment period or does not request discontinuance of service, service will be continued under the terms specified in B2.4 of this Tariff.
 7. Each BellSouth Wavelength service Basic Arrangement wavelength channel is an individual standalone payment plan, independent of any other BellSouth Wavelength service payment plan subscribed to by a customer.
- K.** When Wavelength Channels are setup in a Client Protection arrangement, there is no charge for establishing Client Protection if it is setup at the time the associated Wavelength Channels are activated. If Client Protection is established on Wavelength Channels subsequent to their activation, a Client Protection Rearrangement Charge applies per existing Wavelength Channel configured for Client Protection. This charge would also apply if a customer has Client Protection existing and wants to rearrange the Wavelength Channels associated with the existing Client Protection arrangement. Also, if a customer removes channels from an existing Client Protection arrangement, the Client Protection Rearrangement Charge applies to the Wavelength Channel(s) that are removed from the Client Protection arrangement, unless both the Wavelength Channels are disconnected. (T)

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B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service (Cont'd)

B9.1.3 Rates and Charges (Cont'd)

B. BellSouth Wavelength service Dedicated Ring Arrangement

1. Primary System

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a) Per Primary System ¹	\$2,000.00	\$7,180.00	\$5,525.00	\$4,695.00	\$3,990.00	W32RA	(C)
(b) <i>(Obsoleted, see Section B109)</i>							(O)

2. Expansion System

(a) Per Expansion System ¹	1,500.00	2,795.00	2,150.00	1,870.00	1,625.00	W32RC	(C)
(b) <i>(Obsoleted, see Section B109)</i>							(O)

3. Wavelength Channel

(a) <i>(Obsoleted, see Section B109)</i>							(O)
(b) <i>(Obsoleted, see Section B109)</i>							(O)
(c) Per 10 Gbps WAN Wavelength Transport Unprotected	3,000.00	11,690.00	8,990.00	7,820.00	6,800.00	W32DE	
(d) Per 10 Gbps LAN Wavelength Transport Unprotected	3,000.00	11,690.00	8,990.00	7,820.00	6,800.00	W32DG	
(e) Per OC-3 Wavelength Transport Unprotected	2,000.00	3,035.00	2,020.00	1,760.00	1,530.00	W32DJ	
(f) Per OC-12 Wavelength Transport Unprotected	2,000.00	3,480.00	2,675.00	2,325.00	2,000.00	W32DL	
(g) Per OC-48 Wavelength Transport Unprotected	2,500.00	6,210.00	4,775.00	4,150.00	3,610.00	W32DN	
(h) Per OC-192 Wavelength Transport Unprotected	3,000.00	11,690.00	8,990.00	7,820.00	6,800.00	W32DP	
(i) Per Gigabit Ethernet at 1 Gbps Wavelength Transport Unprotected	2,000.00	3,115.00	2,395.00	2,085.00	1,800.00	W32DR	
(j) Per Fibre Channel 100 Wavelength Transport Unprotected	2,000.00	3,115.00	2,395.00	2,085.00	1,800.00	W32DT	
(k) Per Fibre Channel 200 Wavelength Transport Unprotected	2,500.00	5,590.00	4,300.00	3,740.00	3,250.00	W32DV	
(l) Per Fast Ethernet at 100 Mbps Wavelength Transport Unprotected	2,000.00	1,695.00	1,305.00	1,135.00	990.00	W32DX	
(m) Per Fibre Connection™ Channel Wavelength Transport Unprotected	2,000.00	3,115.00	2,395.00	2,085.00	1,800.00	W32DZ	
(n) Per Fibre Connection™ Express Channel Wavelength Transport Unprotected	2,500.00	5,590.00	4,300.00	3,740.00	3,250.00	W32D2	
(o) Per Enterprise System Connection™ – SBCON Channel Wavelength Transport Unprotected	2,000.00	1,760.00	1,355.00	1,175.00	1,025.00	W32D4	

Note 1: See B9.1.2C, **B9.1.2D**, **B9.1.2E** and B9.1.2F preceding for the rate application per Service Node location on a BellSouth Wavelength service Dedicated Ring Arrangement. (C)

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B9. OPTICAL NETWORK SERVICE

B9.1 BellSouth Wavelength Service (Cont'd)

B9.1.3 Rates and Charges (Cont'd)

B. BellSouth Wavelength service Dedicated Ring Arrangement (Cont'd)

3. Wavelength Channel (Cont'd)

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(p) <i>(Obsoleted, see Section B109)</i>							(O)
(q) <i>(Obsoleted, see Section B109)</i>							(O)
(r) Per 10 Gbps WAN Wavelength Transport Optical Network Protected ¹	\$3,000.00	\$19,873.00	\$15,283.00	\$13,294.00	\$11,560.00	W32DF	(T)
(s) Per 10 Gbps LAN Wavelength Transport Optical Network Protected ¹	3,000.00	19,873.00	15,283.00	13,294.00	11,560.00	W32DH	
(t) Per OC-3 Wavelength Transport Optical Network Protected ¹	2,000.00	5,160.00	3,434.00	2,992.00	2,601.00	W32DK	
(u) Per OC-12 Wavelength Transport Optical Network Protected ¹	2,000.00	5,916.00	4,548.00	3,953.00	3,400.00	W32DM	
(v) Per OC-48 Wavelength Transport Optical Network Protected ¹	2,500.00	10,557.00	8,118.00	7,055.00	6,137.00	W32DO	
(w) Per OC-192 Wavelength Transport Optical Network Protected ¹	3,000.00	19,873.00	15,283.00	13,294.00	11,560.00	W32DQ	
(x) Per Gigabit Ethernet at 1 Gbps Wavelength Transport Optical Network Protected ¹	2,000.00	5,296.00	4,072.00	3,545.00	3,060.00	W32DS	
(y) Per Fibre Channel 100 Wavelength Transport Optical Network Protected ¹	2,000.00	5,296.00	4,072.00	3,545.00	3,060.00	W32DU	
(z) Per Fibre Channel 200 Wavelength Transport Optical Network Protected ¹	2,500.00	9,503.00	7,310.00	6,358.00	5,525.00	W32DW	
(aa) Per Fast Ethernet at 100 Mbps Wavelength Transport Optical Network Protected ¹	2,000.00	2,882.00	2,219.00	1,930.00	1,683.00	W32DY	
(ab) Per Fibre Connection TM Channel Wavelength Transport Optical Network Protected ¹	2,000.00	5,296.00	4,072.00	3,545.00	3,060.00	W32D1	
(ac) Per Fibre Connection TM Express Channel Wavelength Transport Optical Network Protected ¹	2,500.00	9,503.00	7,310.00	6,358.00	5,525.00	W32D3	
(ad) Per Enterprise System Connection TM - SBCON Channel Wavelength Transport Optical Network Protected ¹	2,000.00	2,992.00	2,304.00	1,998.00	1,743.00	W32D5	

4. Amplification

(a) Optical Signal Amplification Node, Per Node	2,000.00	3,440.00	2,645.00	2,300.00	2,000.00	W32RE	
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C. BellSouth Wavelength service Client Protection Rearrangement Charge

(a) Client Protection Rearrangement Charge Subsequent to initial installation	1,500.00	-	-	-	-	CPROT	
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Note 1: Optical Network Protected Wavelength Channels are available for transport between two (2) customer premise Service Node locations on a Dedicated Ring Arrangement or for transport between a customer premise Service Node location and a telephone company serving wire center Service Node where they may connect to another BellSouth Wavelength service Dedicated Ring Arrangement or to BellSouth Wavelength service Basic Arrangement Unprotected wavelength channels that are not configured with Channel Network Protection.

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B109. OBSOLETE SERVICE OFFERINGS – OPTICAL NETWORK SERVICE (N)

B109.1 BellSouth Wavelength Service (N)

(Obsoleted 12-31-07, Type 4; BellSouth Wavelength service Dual Bay service capabilities are not available for new installations, moves or transfers. Existing Dual Bay service arrangement customers may continue to add Dual Bay Expansion Systems and Wavelength Channels up to the capacity of their existing arrangement.) (N)

(Obsoleted 12-31-07), Type 4; 1.25 Gbps Transparent Transport and 2.5 Gbps Transparent Transport Wavelength Channels are available for use only with Dedicated Ring Service Arrangements that are in place as of the obsolescence date. Existing customers may continue to add these services up to the capacity of their Dedicated Ring Service Arrangements.) (N)

B109.1.1 General (N)

BellSouth Wavelength service Dedicated Ring Arrangements are available with Dual Bay service capabilities. A Dual Bay arrangement allow the customer to activate up to 32 wavelengths between adjacent Service Node locations. Dual Bay service configurations have Primary System and Expansion System service components that apply on a per physical bay basis. Dual Bay service components are a Primary System – Dual Bay and Expansion System – Dual Bay. (O)

The various Wavelength Channels that are available via a BellSouth Wavelength service Dedicated Ring Arrangement are as follows: (N)

<u>Wavelength Channels</u>	<u>Dedicated Ring Arrangement</u>	
1.25 Gbps Transparent Transport	X	(O)
2.5 Gbps Transparent Transport	X	(O)

B109.1.2 Application of Rates (N)

Wavelengths are activated at Service Node locations on a BellSouth Wavelength service Dedicated Ring Arrangement Dual Bay arrangement via Primary System - Dual Bay and Expansion System - Dual Bay service components. Two Primary System – Dual Bay service components apply per Service Node location in the dual bay configuration and have the capability to activate up to 8 east and west wavelengths leaving a Service Node location. Once the capability of the Primary System - Dual Bay service components are utilized, in order to activate additional wavelengths, Expansion System – Dual Bay service components are required at each Service Node location on the ring. A Dual Bay Expansion System is comprised of two (2) Expansion System – Dual Bay service components per Service Node location on a ring and provides the capability to activate up to 8 east and west leaving a Service Node location. Three (3) Dual Bay Expansion Systems may be added to Primary System - Dual Bay service components to provide the total capability of a Dual Bay service configuration. (O)

The Dual Bay service components and capacities per Service Node location on a ring are further illustrated as follows: (O)

<u>Dual Bay Capacities and Service Components Per Service Node Location</u>		
<u>Service Component</u>	<u>Wavelengths Per Service Component</u>	
Primary System – Dual Bay (quantity of 2) (purchased in pairs)	8 East or 8 West	(O)
Expansion System – Dual Bay (quantity of 2) (purchased in pairs)	8 East or 8 West	(O)
Expansion System – Dual Bay (quantity of 2) (purchased in pairs)	8 East or 8 West	(O)
Expansion System – Dual Bay (quantity of 2) (purchased in pairs)	8 East or 8 West	(O)

For example, the Dual Bay ring level service components, per Service Node location, for a customer that has a need for 15 east and west wavelength channels would be two (2) Primary System – Dual Bay and two (2) Expansion System – Dual Bay. If the customer’s requirements for wavelength channels increased to 17 east and west wavelength channels, two (2) additional Expansion System – Dual Bay service component would apply per Service Node location. In order to fully utilize the 32 east and west wavelength capability of this Dual Bay example, two (2) more Expansion System – Dual Bay service component would apply per Service Node location on the ring. (O)

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B109. OBSOLETE SERVICE OFFERINGS – OPTICAL NETWORK SERVICE (N)

B109.1 BellSouth Wavelength (Cont'd) (N)

B109.1.3 Rates and Charges (N)

A. BellSouth Wavelength service Dedicated Ring Arrangement (N)

1. Primary System (N)

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a) Per Primary System – Dual Bay ¹	\$3,000.00	\$3,775.00	\$2,905.00	\$2,525.00	\$2,195.00	W32RB	(O)(T)
2. Expansion System (N)							
(a) Per Expansion System – Dual Bay ¹	2,000.00	1,365.00	1,050.00	910.00	790.00	W32RD	(O)
3. Wavelength Channel (N)							
(a) Per 1.25 Gbps Transparent Transport Unprotected (O)	2,000.00	3,480.00	2,675.00	2,325.00	2,000.00	W32DA	(O)
(b) Per 2.5 Gbps Transparent Transport Unprotected (O)	2,500.00	6,210.00	4,775.00	4,150.00	3,610.00	W32DC	(O)
(c) Per 1.25 Gbps Transparent Transport Optical Network Protected ¹ (O)	2,000.00	5,916.00	4,548.00	3,953.00	3,400.00	W32DB	(O)
(d) Per 2.5 Gbps Transparent Transport Optical Network Protected ¹ (O)	2,500.00	10,557.00	8,118.00	7,055.00	6,137.00	W32DD	(O)

Note 1: See B109.1.2 preceding for the rate application per Service Node location on a BellSouth Wavelength service Dedicated Ring Arrangement. (N)

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B108. OBSOLETE SERVICE OFFERINGS – RESERVED FOR FUTURE USE

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B108. OBSOLETE SERVICE OFFERINGS – RESERVED FOR FUTURE USE

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