BELLSOUTH

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December 14, 2006

Beth Salak, Director
Competitive Markets and Enforcement
Attn: Tariff Section
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

Dear Ms. Salak:

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

General Subscriber Service Tariff and Private Line Services Tariff
See Attachment

The purpose of this filing is to introduce new service capabilities for LightGate and SMARTRing Service to meet customer's communication needs.

Acknowledgment, date of receipt and authority number of this filing are requested. A duplicate letter of transmittal is attached for this purpose.

Your consideration and approval will be appreciated.

Yours very truly,

Jerry D. Hendrix (slg)

Regulatory Vice President

Attachments

***BELL*SOUTH – Florida**
Attachment A

GENERAL SUBSCRIBER SERVICE TARIFF

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PRIVATE LINE SERVICES TARIFF

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EXECUTIVE SUMMARY

The purpose of this filing is to introduce new capabilities for LightGate Service and SMARTRing Service in the Private Line Services Tariff. These capabilities include new interfaces that will expand a customer's ability to utilize these services as an alternate means of transport for BellSouth Metro Ethernet Service. Also, this filing introduces new Shared Node Interconnect capabilities for a customer's SMARTRing Service, renames BellSouth Metro Ethernet Reporting Service and removes termination liability associated with LightGate Service and SMARTRing Service channel interfaces under the Channel Services Payment Plan.

Service Description

LightGate Service and SMARTRing Service in the Private Line Services Tariff provide customers with SONET ring transport arrangements from those of an OC-3 (3 DS3 capacity) up through an OC-192 (192 DS3 capacity). These SONET transport arrangements have varying interface capabilities from the DS1 level up through the OC-48 level. These capabilities presently include 100 Mbps and 1000 Mbps Bellsouth Metro Ethernet Backbone interfaces which allows a customer to utilize their LightGate Service and/or SMARTRing Service for transport of certain Bellsouth Metro Ethernet services.

With this tariff filing, new Bellsouth Metro Ethernet Backbone interfaces are being introduced for LightGate Service and SMARTRing Service. These are Fractional 1000 Mbps interfaces with speeds from 150 Mbps through 600 Mbps. These new interfaces will greatly expand a customer's transport capabilities for their Bellsouth Metro Ethernet Service.

Also, this filing introduces Shared Node Interconnection (SNI) for SMARTRing Service. With SNI, two SMARTRing service arrangements belonging to the same customer may share a node in a central office that is common to both rings. This provides customers a means of better managing their SMARTRing Service rather than having separate individual nodes on each of the two rings.

This filing also renames Metro Ethernet Reporting in BellSouth Metro Ethernet Service to Customer Network Management – Metro Ethernet Reporting and removes termination liability requirements for LightGate Service and SMARTRing Service Channel Interfaces under the Channel Services Payment Plan.

Revenue Impact

BellSouth will cover its costs for these new capabilities.

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

14. Reconfiguration Changes (T)(M)

A customer request to modify a BellSouth Metro Ethernet Service connection subsequent to the establishment of the connection is considered a reconfiguration change. Nonrecurring charges provided for processing certain reconfiguration changes are the Service Reconfiguration Charge and System Reconfiguration Charge. The appropriate reconfiguration charge is dependent upon the physical work required to fulfill the reconfiguration change request and applies as specifically set forth herein in lieu of other BellSouth Metro Ethernet Service nonrecurring charges. Such changes are not treated as disconnects and do not change minimum period requirements. (M)

A Service Reconfiguration Charge is applicable as set forth herein this tariff for requests where the work required is a minor change that does not involve changing the physical service type[1]. The Service Reconfiguration Charge is applicable as set forth in A40.13.2.C.5.b. following for a request to change an existing connection to a different connection that is the same physical service type[1] that is a lower order of service per the BellSouth Metro Ethernet hierarchy set forth in A40.13.2.C.4. following. The Service Reconfiguration Charge is also applicable for a request to change an existing Premium connection from fixed mode to burst mode (and vice versa), for a request to add or delete the Priority Plus feature on an existing Premium connection and for a request to change the CoS Profile on an existing Virtual connection. (M)(C)

A System Reconfiguration Charge is applicable as set forth herein this tariff for requests where the work required involves changing to a different physical service type[1] or involves major support system changes. The System Reconfiguration Charge is applicable as set forth in A40.13.2.C.5.a. following for requests to change an existing connection to a different connection that is a different physical service type[1] that is a lower order of service per the BellSouth Metro Ethernet hierarchy set forth in A40.13.2.C.4. following. The System Reconfiguration Charge is also applicable 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). (M)

15. ***Customer Network Management (CNM) -*** Metro Ethernet Reporting Charge (T)(M)

Customers with Premium or Virtual Metro Ethernet Service, as an optional feature, may order ***CNM -*** Metro Ethernet Reporting that provides customers a view into their BellSouth Metro Ethernet Service Network via a Web interface and Security Card. The ***CNM -*** Metro Ethernet Reporting charge 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. It is only available to customers purchasing Premium or Virtual BellSouth Metro Ethernet Service and is charged for each Premium or Virtual Metro Ethernet Service connection. (T)(M)

Note 1: The physical service type/speed of each Metro Ethernet Connection is provided in A40.13.2.C.4. following. (M)

~~Material appearing on this page previously appeared on page(s) 39 of this section.~~

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

16. ***CNM*** - Metro Ethernet Reporting Service Establishment Charge (T)

The Service Establishment Charge is a nonrecurring charge that applies per BellSouth Metro Ethernet Service customer account. This service charge covers the initial establishment of the ***CNM*** - Metro Ethernet Reporting account for each customer. A customer with an existing ***CNM*** - Metro Ethernet Reporting customer account from another BellSouth jurisdiction may re-use that customer account. (T)

17. ***CNM*** - Metro Ethernet Reporting Web Interface Charge (T)

All customers purchasing ***CNM*** - Metro Ethernet Reporting must have a Web Interface. This connection allows 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. The first Web Interface is included in the initial installation of the ***CNM*** - Metro Ethernet Reporting feature. A monthly charge and a nonrecurring charge are applicable for each additional Web Interface connection.

18. Metro Ethernet Security Card Charge

A Security Card is required for each 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 initial and additional cards, or for the issuance of additional cards to replace lost, damaged or expired cards. A nonrecurring charge is applicable per Security Card.

19. Automatic Protection Switching (APS)

Automatic Protection Switching (APS) is an optional feature as described in A40.13.2.C.9. following that provides customers with the option of having data channel survivability through the use of a secondary fiber path that is diverse from the path provided with their primary Metro Ethernet Connection. However, APS is not available for a 2 Mbps, 4 Mbps or 8 Mbps Connection. (C)

20. Service Level Agreements (SLAs)

BellSouth Metro Ethernet Service Customer networks comprised of Premium Connections or Virtual Connections with 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 A40.13.2.B.6. following for Premium Connections and in Section A40.13.2.B.7. following for Virtual Connections.

B. Basis of Offering

1. Suspension of service is not allowed.
2. BellSouth Metro Ethernet Service is available 24 hours per day, 7 days per week, except for preventive maintenance.
3. Obligations of customer and Company
   a. The 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 Company.
   c. At the 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.
   d. Application testing described in A2.5.11 of this Tariff is not available for BellSouth Metro Ethernet Service components and features.
4. The minimum service period for all BellSouth Metro Ethernet Service tariff components is twelve months.
5. 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 and BellSouth ***CNM*** - Metro Ethernet Reporting will be unavailable during the period of time when preventive maintenance is being performed. This could result in BellSouth Metro Ethernet Service and BellSouth ***CNM*** - Metro Ethernet Reporting being unavailable during the period of time between 1:00 AM and 5:00 AM Eastern Time on any given Wednesday or Sunday morning. The Company upon written notice to the customer may adjust the maintenance window. (T)

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium BellSouth Metro Ethernet Service ~~(T)~~

BellSouth Metro Ethernet Service Level Agreements (SLAs) specify the Company's repair and performance commitments for ***CNM -*** Metro Ethernet Reporting customers. Credits are provided for missed commitments to Premium customers purchasing the ***CNM -*** Metro Ethernet Reporting feature. Credits only apply for portions of service provided by the Company. The following service measurements will outline the service levels the Company will deliver to ***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)~~(T)~~

Repair

- BellSouth Metro Ethernet Service Time-to-Repair[1] ~~(T)~~
- Repair commitments are measured on a per occurrence basis

Network Service Levels

- BellSouth Metro Ethernet Service Network Availability
- BellSouth Metro Ethernet Service Network Latency
- Network Service Level Commitments are monthly performance measurements

a. SLA Definitions:

BellSouth Metro Ethernet Service Time-To-Repair

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

BellSouth Metro Ethernet Service Network Availability

- BellSouth Metro Ethernet Service Network Availability measures the percentage of time the customer's service is unavailable on the core network. 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 traverse the core network are not eligible for the Network Availability SLA and one will not be provided.
- The Service Level Commitment will be calculated by measuring and summing the outage for each 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 and time the network was unavailable due to circumstances outside the Company's control.

Note 1: SLA not applicable if missed due to LightGate service or SmartRing service outage where BellSouth Metro Ethernet Service is using LightGate service or SmartRing service as alternate transport. ~~(N)~~

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium BellSouth Metro Ethernet Service (Cont'd) ~~(T)~~

a. SLA Definitions: (Cont'd)

BellSouth Metro Ethernet Service Network Latency -

- BellSouth Metro Ethernet Service Network Latency measures average one-way delay in milliseconds within the core network. 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.
- The Service Level Commitment will be calculated by averaging the measured latency within the Metro Ethernet Customer Network between each pair of connections over a thirty-day period.

b. The Company's Service Level Commitments for BellSouth Metro Ethernet Service are as follows:

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

c. SLA Restrictions

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

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: ~~(T)~~

- 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, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the 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 premise.

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium Metro Ethernet Service (Cont'd) ~~(T)~~

c. SLA Restrictions (Cont'd)

The customer must request a credit within one calendar month of the 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 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. ~~(T)~~

d. SLA Credits for ***CNM -*** Metro Ethernet Reporting (T)

The following credits will apply when the Company misses a Service Level Commitment (each credit is described in (1) thru (3) following):

BellSouth Metro Ethernet Service Time-To-Repair

0 to 4 hours per incident – No Credit

Over 4 hours to 24 hours per incident – Credit 3 days MRC

Each additional 24-hour period, per incident – Credit additional 3 days MRC

BellSouth Metro Ethernet Service Network Availability – Credit 3 days MRC

BellSouth Metro Ethernet Service Network Latency – Credit 3 days MRC

The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following. Credits for all SLAs for a calendar month cannot exceed the MRC for the BellSouth Metro Ethernet Service components. Credits are not provided for partial month service.

(1) BellSouth Metro Ethernet Service Time-To-Repair Credit - The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one time-to-repair credit. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections.

(2) BellSouth Metro Ethernet Service Network Availability Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the availability commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Availability SLA.

(3) BellSouth Metro Ethernet Service Network Latency Credit – The credit will apply for each Metro Ethernet Service Connection that does not meet the latency commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Latency SLA

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual BellSouth Metro Ethernet Service (N)

BellSouth Metro Ethernet Service Level Agreements (SLAs) specify the Company's repair and performance commitments for ***CNM -*** Metro Ethernet Reporting customers. Credits are provided for missed commitments to Virtual customers purchasing the ***CNM -*** Metro Ethernet Reporting feature. Credits only apply for portions of service provided by the Company. The following service measurements will outline the service levels the Company will deliver to ***CNM -*** 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., Real-Time, Interactive, Business Critical and Best Effort) 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)(N)

Repair (N)

- BellSouth Metro Ethernet Service Time-to-Repair[1] (N)
- Repair commitments are measured on a per occurrence basis for all CoS (N)

Network Service Levels (N)

- BellSouth Metro Ethernet Service Network Availability (N)
- BellSouth Metro Ethernet Service Network Latency[2] (N)
- BellSouth Metro Ethernet Service Network Jitter[2, 3] (N)
- BellSouth Metro Ethernet Service Network Packet Delivery[2] (N)
- Network Service Level Commitments are monthly performance measurements by CoS (N)

a. SLA Definitions: (N)

BellSouth Metro Ethernet Service Time-To-Repair (N)

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

BellSouth Metro Ethernet Service Network Availability (N)

- 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. 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 traverse the core network (i.e., 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. (N)
- The Service Level Commitment will be calculated by CoS by measuring and summing the outage for each 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 and time the network was unavailable due to circumstances outside the Company's control. (N)

Note 1: SLA not applicable if missed due to LightGate service or SMARTRing service outage where BellSouth Metro Ethernet Service is using LightGate service or SMARTRing service as alternate transport. (N)

Note 2: SLA not applicable for Best Effort CoS. (N)

Note 3: SLA not applicable for Business Critical CoS. (N)

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual Metro Ethernet Service (Cont'd) ~~(N)~~

c. 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 BellSouth Metro Ethernet Service. The customer network design requirements are as follows: ~~(N)~~
- A customer must subscribe to the Metro Ethernet Virtual Service with ***CNM*** - Metro Ethernet Reporting to receive credits for missed Service Level Commitments. (T)~~(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)~~

The customer must request a credit within one calendar month of the 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 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)~~

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual Metro Ethernet Service (Cont'd) ~~(N)~~

d. SLA Credits for ***CNM -*** Metro Ethernet Reporting (T)~~(N)~~

The following credits will apply when the Company misses a Service Level Commitment (each credit is described in (1) thru (3) 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). ~~(N)~~

BellSouth Metro Ethernet Service Time-To-Repair ~~(N)~~

0 to 4 hours per incident – No Credit ~~(N)~~

Over 4 hours to 24 hours per incident – Credit 3 days MRC ~~(N)~~

Each additional 24-hour period, per incident – Credit additional 3 days MRC ~~(N)~~

BellSouth Metro Ethernet Service Network Availability – Credit 3 days MRC ~~(N)~~

BellSouth Metro Ethernet Service Network Latency – Credit 3 days MRC ~~(N)~~

BellSouth Metro Ethernet Service Network Jitter – Credit 3 days MRC ~~(N)~~

BellSouth Metro Ethernet Service Network Packet Delivery – Credit 3 days MRC ~~(N)~~

The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following. Credits for all SLAs for a calendar month cannot exceed the MRC for the BellSouth Metro Ethernet Service components. Credits are not provided for partial month service. ~~(N)~~

(1) BellSouth Metro Ethernet Service Time-To-Repair Credit - The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one time-to-repair credit. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. ~~(N)~~

(2) BellSouth Metro Ethernet Service Network Availability Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the availability commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. ~~(N)~~

(3) BellSouth Metro Ethernet Service Network Latency Credit – The credit will apply for each Metro Ethernet Service Connection that does not meet the latency commitment for any eligible CoS. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Latency SLA ~~(N)~~

(4) BellSouth Metro Ethernet Service Network Jitter Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the jitter commitment for any eligible CoS. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Jitter SLA. ~~(N)~~

(5) BellSouth Metro Ethernet Service Network Packet Delivery Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the packet delivery commitment for any eligible CoS. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Packet Delivery SLA. ~~(N)~~

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

C. Provision of Service

1. Rates and charges contained in this Tariff consist of the following elements:
   a. Basic BellSouth Metro Ethernet Service Connection
   b. Premium BellSouth Metro Ethernet Service Connection
   c. Dedicated BellSouth Metro Ethernet Service Connection
   d. Virtual BellSouth Metro Ethernet Service Connection (N)
   e. BellSouth Metro Ethernet Service Additional Mileage Charges (T)
   f. Priority Plus (T)
   g. Q-Forwarding (T)
   h. VLAN Aggregation (N)
   i. ***CNM*** - Metro Ethernet Reporting (T)(T)
   j. Class of Service (CoS) Profile (N)
   k. Automatic Protection Switching (APS) (T)
   l. Service Reconfiguration (T)
   m. System Reconfiguration
2. All service connection charges for BellSouth Metro Ethernet Service are included in the respective nonrecurring charges specified herein.
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 A40.13.2.C.4. following.

   A hierarchy of the various BellSouth Metro Ethernet Service Connections by capability (i.e., dedicated, basic, premium or virtual) and speed is provided in the chart in A40.13.2.C.4. following. This chart provides a higher order of service ranking that is utilized to determine the appropriate nonrecurring charge for reconfiguration requests. (C)

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

5. Requests by a customer to change from one BellSouth Metro Ethernet Service arrangement to another BellSouth Metro Ethernet Service arrangement will be considered as reconfiguration change requests. Such reconfiguration changes are not treated as disconnects and do not change minimum period requirements. These requests must be for the same customer at the same location, and the service orders to accomplish the reconfiguration change requested must be related together and have no lapse in service.

   a. A customer request to change an existing BellSouth Metro Ethernet Service arrangement to a new arrangement that is a different physical service type (per the hierarchy chart) is considered a system reconfiguration request.

      If the new arrangement requested is a lower order of service, the System Reconfiguration Charge shall apply.

      If the new arrangement requested is a higher order of service, nonrecurring charges shall not apply (i.e., the System Reconfiguration Charge is not applicable).

   b. A customer request to change an existing BellSouth Metro Ethernet Service arrangement to a new arrangement that is the same physical service type (per the hierarchy chart) is considered a service reconfiguration request.

      If the new arrangement requested is a lower order of service, the Service Reconfiguration Charge shall apply.

      If the new arrangement requested is a higher order of service, nonrecurring charges shall not apply (i.e., the Service Reconfiguration Charge is not applicable).

6. A request to modify an existing BellSouth Metro Ethernet Connection as set forth following does not change the order of service or physical service type from the existing connection. Such a change is not treated as a disconnect, and there will be no change in the minimum period requirements. ~~(N)~~

   a. 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. ~~(N)~~

   b. A request to modify the CoS Profile on an existing Virtual BellSouth Metro Ethernet Connection is not considered as a request to change the order of service or physical service type. A Service Reconfiguration Charge is applicable for such a request. ~~(N)~~

7. Customers cannot mix BellSouth Metro Ethernet Service and Native Mode LAN Interconnection (NMLI) Services from A40.3 preceding on the same Metro Ethernet Customer Network. ~~(T)~~

8. A System Reconfiguration Charge is applicable for a customer request to change the premises powering option (AC power to DC power, or vice versa) or NCTE signaling interface option (optical to electrical, or vice versa) on an existing BellSouth Metro Ethernet Connection. Such a change is not treated as a disconnect and there will be no change in the minimum period requirements. ~~(T)~~

9. Customers who subscribe to ***CNM -*** Metro Ethernet Reporting must monitor their entire BellSouth Metro Ethernet Network. (T)~~(T)~~

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

11. 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. (N)

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. (N)

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). (N)

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. (N)

For BellSouth Metro Ethernet Service Connections utilizing the customer's LightGate service or SMARTRing service as alternate transport, the committed bandwidth for select speeds will be as shown in BellSouth Technical Reference TR-73632. (N)

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

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.3 Rates and Charges (Cont'd)

I. ***CNM -*** Metro Ethernet Reporting[1] (T)

1. ***CNM -*** Metro Ethernet Reporting Service Establishment Charge (T)

	Nonrecurring Charge	Month to Month	12 to 36 Months	37 to 60 Months	USOC
(a) per customer account	**$250.00**	**$-**	**$-**	**$-**	**CNMSE**

2. ***CNM -*** Metro Ethernet Reporting Charge (T)

(a) per connection	**-**	**14.00**	**10.00**	**8.00**	**CNMME**

3. ***CNM -*** Metro Ethernet ***Reporting*** Web Interface Charge

(a) first	**-**	**-**	**-**	**-**	**CNMWF**
(b) each additional	**75.00**	**25.00**	**20.00**	**18.00**	**CNMWE**

4. ***CNM -*** Metro Ethernet ***Reporting*** Security Card

(a) each	**200.00**	**-**	**-**	**-**	**CNMSC**

Note 1: Optional feature only available with a Premium or a Virtual Connection.

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.1 General (Cont'd)

C. Channel interface availability varies with system size and transport architecture (asynchronous vs. synchronous). The following table lists the channel interfaces available with each LightGate service System. (Cont'd) (N)

Local Channel Systems: (Cont'd) (N)

	Asynchronous	Synchronous					
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192	(N)
Customer Channel Interfaces							(N)
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes[1]	Yes[1]	Yes[1]	(N)
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes[1]	Yes[1]	(N)
Fibre Connection (FICON™)	No	No	No	No	Yes[2]	Yes[2]	(N)
Fibre Connection (FICON™) Express	No	No	No	No	No	Yes[2]	(N)
Fibre Channel 100	No	No	No	No	Yes[2]	Yes[2]	(N)
Fibre Channel 200	No	No	No	No	No	Yes[2]	(N)

Note 1: Fractional 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. Interface availability is based on equipment capability. (N)

Note 2: Available only for systems that do not contain a Optical Customer Termination or a 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. (N)

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B7. DIGITAL NETWORK SERVICE (N)

B7.4 LightGate Service (Cont'd) (N)

B7.4.1 General (Cont'd) (N)

C. Channel interface availability varies with system size and transport architecture (asynchronous vs. synchronous). The following table lists the channel interfaces available with each LightGate service System. (Cont'd) (N)

Local Channel Systems: (Cont'd) (N)

	Asynchronous	Synchronous					(N)
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192	(N)
Central Office Channel Interfaces							(M)
DS1	Yes	Yes	Yes	No	Yes[1]	Yes[1]	(M)
Flex DS1	No	No	No	Yes[2]	Yes[2]	Yes[2]	(M)
DS3	Yes	No	Yes	Yes	Yes	Yes[1]	(M)
DS3 Asymmetrical with DS1	No	No	Yes	No	No	No	(M)
DS3 Asymmetrical with Flex DS1	No	No	No	Yes[2]	Yes[2]	Yes[2]	(M)
STS-1	No	Yes	Yes	Yes	Yes	No	(M)
OC-3	No	No	Yes	Yes	Yes	Yes	(M)
OC-12	No	No	No	No	Yes	Yes	(M)
OC-48	No	No	No	No	No	Yes	(M)
28 DS1 Channel System	No	No	No	Yes	Yes	Yes[1]	(M)
STS-1 Channel System	No	No	No	Yes	Yes	Yes[1]	(M)
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes[3]	Yes[3]	Yes[3]	(N)
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes[3]	Yes[3]	(N)
Fibre Connection (FICON™)	No	No	No	No	Yes[4]	Yes[4]	(N)
Fibre Connection (FICON™) Express	No	No	No	No	No	Yes[4]	(N)
Fibre Channel 100	No	No	No	No	Yes[4]	Yes[4]	(N)
Fibre Channel 200	No	No	No	No	No	Yes[4]	(N)

Note 1: Available only for systems installed on or after October 20, 2003. The maximum number of DS1 Circuits available in a system is 108. (N)

Note 2: Available only for systems installed on or after April 14, 2005. The maximum number of Flex DS1 circuits available in a system is 108. (N)

Note 3: ***Fractional 1000 Mbps BellSouth Metro Ethernet Backbone, 100 Mbps BellSouth Metro Ethernet Backbone and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1, utilized in conjunction with the interface. The 100 Mbps (3-STS-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 nodes. Interface availability is based on equipment capability.*** (C)(N)

~~Available only for OC-12, OC-48 or OC-192 systems installed on or after December 3, 2004 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. 10 Mbps, 100 Mbps and Fractional 1000 Mbps at 50 Mbps interfaces are available for OC-3 systems installed on or after May 12, 2006. 100 Mbps interface service components are further defined regarding the number of STS-1s used to provision the interface.~~

Note 4: ~~-~~***Available only for systems that do not contain a Optical Customer Termination or a 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.*** (C)(N)

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~~Available only for systems installed on or after December 2, 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.~~

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B7. DIGITAL NETWORK SERVICE (N)

B7.4 LightGate Service (Cont'd) (N)

B7.4.1 General (Cont'd) (N)

C. (Cont'd) (N)

Interoffice Channel Systems: (M)

	Asynchronous	Synchronous					(N)
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192	(N)
Central Office Channel Interfaces							(M)
DS1	No	No	No	No	No	No	(M)
DS3	Yes	No	Yes	Yes	Yes	Yes [1]	(M)(T)
STS-1	No	Yes	Yes	Yes	Yes	Yes[1]	(M)(T)
OC-3	No	No	Yes	Yes	Yes	Yes	(M)
OC-12	No	No	No	Yes	Yes	Yes	(M)
OC-48	No	No	No	No	Yes	Yes	(M)
28 DS1 Channel System	Yes	No	Yes	Yes	Yes	Yes[1]	(M)(T)
STS-1 Channel System	No	Yes	Yes	Yes	Yes	Yes[1]	(M)(T)
OC-3 Channel System	No	No	Yes	Yes	Yes	Yes	(M)
OC-12 Channel System	No	No	No	No	No	Yes	(M)
OC-48 Channel System	No	No	No	No	No	Yes	(M)
10 Mbps	No	No	No	Yes[2]	Yes[2]	Yes[2]	(M)(T)
100 Mbps	No	No	No	Yes[2]	Yes[2]	Yes[2]	(M)(T)
1000 Mbps	No	No	No	No	Yes[3]	Yes[3]	(M)(T)
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	No	Yes[2]	Yes[2]	Yes[2]	(M)(T)
Fractional 1000 Mbps at 600 Mbps	No	No	No	No	Yes[2]	Yes[2]	(M)(T)
Fibre Connection (FICON ™)	No	No	No	No	Yes[4]	Yes[4]	(N)
Fibre Connection (FICON ™) Express	No	No	No	No	No	Yes[4]	(N)
Fibre Channel 100	No	No	No	No	Yes[4]	Yes[4]	(N)
Fibre Channel 200	No	No	No	No	No	Yes[4]	(N)

Note 1: Available only for systems installed on or after October 20, 2003. (N)

Note 2: Available only for OC-12, OC-48 or OC-192 systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. 10 Mbps, 100 Mbps and Fractional 1000 Mbps at 50 Mbps interfaces are available for OC-3 systems only that were installed on or after May 12, 2006. 100 Mbps interface service components are further defined regarding the number of STS-1s used to provision the interface. (N)

Note 3: Available only for systems installed on or after October 20, 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. (N)

Note 4: The interface is further defined regarding the number of STS-1s used to provision the interface. Interface availability is based on equipment capability. (N)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.5 Rates and Charges (Cont'd)

A. LightGate service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.

7. Central Office Channel Interfaces

		Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a)	Per DS1	$125.00	$24.00	$20.00	$17.00	$16.00	1PQE8	
(b)	Per DS3	125.00	115.00	95.00	90.00	85.00	1PQE3	
(c)	Per DS3 (Asymmetrical with DS1/Flex DS1)	290.00	500.00	390.00	365.00	350.00	1PQEG	
(d)	Per STS-1	125.00	175.00	140.00	130.00	120.00	1PQE4	
(e)	Per OC-3 (2 Fiber)	200.00	240.00	190.00	175.00	160.00	1PQE5	
(f)	Per OC-3 (4 Fiber)	200.00	425.00	330.00	300.00	270.00	1PQE6	
(g)	Per OC-12 (2 Fiber)	360.00	640.00	495.00	450.00	405.00	1PQEE	
(h)	Per OC-12 (4 Fiber)	400.00	1,280.00	990.00	900.00	810.00	1PQED	
(i)	Per OC-48 (2 Fiber)	500.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQEO	
(j)	Per OC-48 (4 Fiber)	500.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQEF	
(k)	Per 28 DS1 Channel System	125.00	600.00	490.00	465.00	450.00	MQ3CO	
(l)	Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	7.00	6.00	1PQEA	
(m)	Per STS-1 Channel System	125.00	600.00	490.00	465.00	450.00	1PQE7	
(n)	Per OC-3 Channel System	125.00	1,325.00	1,100.00	1,000.00	900.00	1PQE9	
(o)	Per OC-12 Channel System	125.00	2,650.00	2,200.00	2,000.00	1,800.00	1PQ12	
(p)	Per OC-48 Channel System	125.00	5,490.00	4,410.00	4,050.00	3,510.00	1PQ48	
(q)	Per 1000 Mbps ***(21 – STS-1)***[1]	400.00	740.00	520.00	475.00	425.00	1PQEK	(C)
(r)	Per 1000 Mbps (24 – STS-1)[1]	400.00	740.00	520.00	475.00	425.00	1PQEW	(N)
(~~r~~s)	Per 10 Mbps[2]	450.00	500.00	175.00	155.00	140.00	1PQEH	(T)
(~~s~~t)	Per 100 Mbps (3 STS-1)[2]	450.00	540.00	210.00	190.00	170.00	1PQEJ	(T)
	(~~t~~)***(u)***Per Fractional 1000 Mbps[2]							(T)
	- 50 Mbps	450.00	520.00	190.00	170.00	150.00	1PQEM	
	- 150 Mbps	450.00	560.00	230.00	210.00	190.00	1PQEN	
	- 300 Mbps	450.00	600.00	300.00	280.00	260.00	1PQER	
	- 450 Mbps	450.00	640.00	340.00	310.00	290.00	1PQES	
	- 600 Mbps	450.00	700.00	380.00	340.00	320.00	1PQET	
(~~u~~v)	Per Flex DS1	130.00	24.00	20.00	17.00	16.00	1PQEQ	(T)
~~(v) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone~~		~~800.00~~	~~500.00~~	~~175.00~~	~~155.00~~	~~140.00~~	~~1PQEU~~	(M)~~(N)~~
~~(w) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone~~		~~800.00~~	~~540.00~~	~~210.00~~	~~190.00~~	~~170.00~~	~~1PQEY~~	~~(N)~~
~~(x) Per 1000 Mbps Metro Ethernet Backbone~~		~~850.00~~	~~740.00~~	~~520.00~~	~~475.00~~	~~425.00~~	~~1PQEZ~~	~~(N)~~

Note 1: Available only for systems installed on or after October 20, 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.

Note 2: Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.5 Rates and Charges (Cont'd)

A. LightGate service Local Channel Systems (Cont'd) (N)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities. (N)
(Cont'd)

7. Central Office Channel Interfaces (Cont'd) (N)

		Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(*w*)	Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	$800.00	$500.00	$175.00	$155.00	$140.00	1PQEU	(M)(T)
(*x*)	Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	1PQEY	(M)(T)
(*y*)	Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	1PQEZ	(M)(T)
(z)	Per Fractional 1000 Mbps Metro Ethernet Backbone							(N)
	- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	1PQD5	(N)
	- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	1PQD6	(N)
	- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	1PQD7	(N)
	- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	1PQD8	(N)
(aa)	Per Fibre Connection (FICON™) (19 STS-1)	500.00	810.00	570.00	520.00	470.00	1PQGA	(N)
(ab)	Per Fibre Connection (FICON™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	1PQGB	(N)
(ac)	Per Fibre Connection (FICON™) Express (37 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	1PQGC	(N)
(ad)	Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	1PQGD	(N)
(ae)	Per Fibre Channel 100 (19 STS-1)	500.00	830.00	580.00	530.00	480.00	1PQGE	(N)
(af)	Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	1PQGF	(N)
(ag)	Per Fibre Channel 200 (37 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	1PQGG	(N)
(ah)	Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	1PQGH	(N)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.5 Rates and Charges (Cont'd)

A. LightGate service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities. (Cont'd)

8. Customer Channel Interfaces

		Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a)	Per DS1	**$170.00**	**$24.00**	**$20.00**	**$17.00**	**$16.00**	**1PQF1**	
(b)	Per DS3	**125.00**	**115.00**	**95.00**	**90.00**	**85.00**	**1PQF3**	
(c)	Per DS3 (Asymmetrical with DS1/Flex DS1)	**280.00**	**500.00**	**390.00**	**365.00**	**350.00**	**1PQFG**	
(d)	Per STS-1	**125.00**	**240.00**	**195.00**	**185.00**	**175.00**	**1PQF4**	
(e)	Per OC-3 (2 Fiber)	**125.00**	**240.00**	**190.00**	**175.00**	**160.00**	**1PQF5**	
(f)	Per OC-3 (4 Fiber)	**125.00**	**475.00**	**380.00**	**350.00**	**320.00**	**1PQF6**	
(g)	Per OC-12 (2 Fiber)	**275.00**	**715.00**	**570.00**	**525.00**	**480.00**	**1PQF8**	
(h)	Per OC-12 (4 Fiber)	**275.00**	**1,430.00**	**1,140.00**	**1,050.00**	**960.00**	**1PQF7**	
(i)	Per OC-48 (2 Fiber)	**300.00**	**1,600.00**	**1,325.00**	**1,215.00**	**1,050.00**	**1PQF2**	
(j)	Per OC-48 (4 Fiber)	**300.00**	**3,200.00**	**2,650.00**	**2,430.00**	**2,100.00**	**1PQFO**	
(k)	Per 1000 Mbps 850 nm Multi-mode ***(21 STS-1)***[1]	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**1PQFK**	(C)
(l)	Per 1000 Mbps 850 nm Multi-mode (24 STS-1)[1]	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**1PQFP**	(N)
(~~l~~***m***)	Per 1000 Mbps 1310 nm Single-mode ***(21 STS-1)***[1]	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**1PQ3K**	(C)
(n)	Per 1000 Mbps 1310 nm Single-mode (24 STS-1)[1]	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**1PQ3P**	(N)
(~~m~~***o***)	Per 10 Mbps (3 STS-1) - Electrical[2]	**450.00**	**500.00**	**175.00**	**155.00**	**140.00**	**1PQFH**	(T)
(~~n~~***p***)	Per 100 Mbps[2]	**450.00**	**540.00**	**210.00**	**190.00**	**170.00**	**1PQFJ**	(T)
(~~o~~***q***)	Per 100 Mbps (3 STS-1) - 1310 nm Single-mode[2]	**450.00**	**540.00**	**210.00**	**190.00**	**170.00**	**1PQ3J**	(T)
(~~p~~***r***)	Per Fractional 1000 Mbps[2]							(T)
	- 50 Mbps 850 nm Multi-mode	**450.00**	**520.00**	**190.00**	**170.00**	**150.00**	**1PQFM**	
	- 50 Mbps 1310 nm Single-mode	**450.00**	**520.00**	**190.00**	**170.00**	**150.00**	**1PQ3M**	
	- 150 Mbps 850 nm Multi-mode	**450.00**	**560.00**	**230.00**	**210.00**	**190.00**	**1PQFN**	
	- 150 Mbps 1310 nm Single-mode	**450.00**	**560.00**	**230.00**	**210.00**	**190.00**	**1PQ3N**	
	- 300 Mbps 850 nm Multi-mode	**450.00**	**600.00**	**300.00**	**280.00**	**260.00**	**1PQFR**	
	- 300 Mbps 1310 nm Single-mode	**450.00**	**600.00**	**300.00**	**280.00**	**260.00**	**1PQ3R**	
	- 450 Mbps 850 nm Multi-mode	**450.00**	**640.00**	**340.00**	**310.00**	**290.00**	**1PQFS**	
	- 450 Mbps 1310 nm Single-mode	**450.00**	**640.00**	**340.00**	**310.00**	**290.00**	**1PQ3S**	
	- 600 Mbps 850 nm Multi-mode	**450.00**	**700.00**	**380.00**	**340.00**	**320.00**	**1PQFT**	
	- 600 Mbps 1310 nm Single-mode	**450.00**	**700.00**	**380.00**	**340.00**	**320.00**	**1PQ3T**	
(~~q~~***s***)	Per Flex DS1	**260.00**	**24.00**	**20.00**	**17.00**	**16.00**	**1PQFQ**	(T)~~(T)~~
~~(r) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone~~		~~**800.00**~~	~~**500.00**~~	~~**175.00**~~	~~**155.00**~~	~~**140.00**~~	~~**1PQFU**~~	~~(M)(N)~~
~~(s) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone~~		~~**800.00**~~	~~**540.00**~~	~~**210.00**~~	~~**190.00**~~	~~**170.00**~~	~~**1PQFY**~~	~~(N)~~
~~(t) Per 1000 Mbps Metro Ethernet Backbone~~		~~**850.00**~~	~~**740.00**~~	~~**520.00**~~	~~**475.00**~~	~~**425.00**~~	~~**1PQFZ**~~	~~(N)~~
								~~(M)~~

Note 1: Available only for systems installed on or after October 20, 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.

Material previously appearing on this page now appears on page(s) 52.2 of this section.

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Note 2: Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 3: Month to month rates are only available at the end of a contract rate period.

Material previously appearing on this page now appears on page(s) 52.2 of this section.

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.5 Rates and Charges (Cont'd)

A. LightGate service Local Channel Systems (Cont'd) (N)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities. (N)
(Cont'd)

8. Customer Channel Interfaces (Cont'd) (N)

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(*t*) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	$800.00	$500.00	$175.00	$155.00	$140.00	1PQFU	(M)(T)
(*u*) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	1PQFY	(M)(T)
(*v*) Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	1PQFZ	(M)(T)
(w) Per Fractional 1000 Mbps Metro Ethernet Backbone							(N)
- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	1PQ35	(N)
- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	1PQ36	(N)
- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	1PQ37	(N)
- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	1PQ38	(N)
(x) Per Fibre Connection (FICON ™) (19 STS-1)	500.00	810.00	570.00	520.00	470.00	1PQFA	(N)
(y) Per Fibre Connection (FICON ™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	1PQFC	(N)
(z) Per Fibre Connection (FICON ™) Express (37 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	1PQFD	(N)
(aa) Per Fibre Connection (FICON ™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	1PQFE	(N)
(ab) Per Fibre Channel 100 (19 STS-1)	500.00	830.00	580.00	530.00	480.00	1PQFF	(N)
(ac) Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	1PQFW	(N)
(ad) Per Fibre Channel 200 (37 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	1PQ3A	(N)
(ae) Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	1PQ3B	(N)

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

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate® Service (Cont'd) (T)

B7.4.5 Rates and Charges (Cont'd)

D. Interoffice Channels (Cont'd) (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)

6. LightGate® OC-192 service[1] (T)

a. Per OC-192

(1) 0-8 miles

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a) Fixed	$190.00	$19,000.00	$15,500.00	$13,800.00	$12,500.00	1LPS8	
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE8	
(2) 9-25 miles							
(a) Fixed	190.00	19,900.00	15,900.00	14,200.00	12,700.00	1LPS9	
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE9	
(3) Over 25 miles							
(a) Fixed	190.00	22,000.00	17,700.00	15,800.00	14,100.00	1LPS6	
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE6	
7. Central Office Channel Interfaces							
(a) Per DS1	125.00	24.00	20.00	17.00	16.00	1PQE8	
(b) Per DS3	125.00	115.00	95.00	90.00	85.00	1PQE3	
(c) Per STS-1	125.00	175.00	140.00	130.00	120.00	1PQE4	
(d) Per OC-3 (2 Fiber)	200.00	240.00	190.00	175.00	160.00	1PQE5	
(e) Per OC-3 (4 Fiber)	200.00	425.00	330.00	300.00	270.00	1PQE6	
(f) Per OC-12 (2 Fiber)	360.00	640.00	495.00	450.00	405.00	1PQEE	
(g) Per OC-12 (4 Fiber)	400.00	1,280.00	990.00	900.00	810.00	1PQED	
(h) Per OC-48 (2 Fiber)	500.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQEO	
(i) Per OC-48 (4 Fiber)	500.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQEF	
(j) Per 28 DS1 Channel System	125.00	600.00	490.00	465.00	450.00	MQ3CO	
(k) Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	7.00	6.00	1PQEA	
(l) Per STS-1 Channel System	125.00	600.00	490.00	465.00	450.00	1PQE7	
(m) Per OC-3 Channel System	125.00	1,325.00	1,100.00	1,000.00	900.00	1PQE9	
(n) Per OC-12 Channel System	125.00	2,650.00	2,200.00	2,000.00	1,800.00	1PQ12	
(o) Per OC-48 Channel System	125.00	5,490.00	4,410.00	4,050.00	3,510.00	1PQ48	
(p) Per 1000 Mbps ***(21 STS-1)***[2]	400.00	740.00	520.00	475.00	425.00	1PQEK	(C)
(q) Per 1000 Mbps (24 STS-1)[1]	400.00	740.00	520.00	475.00	425.00	1PQEW	(N)
(~~q~~r) Per 10 Mbps[3]	450.00	500.00	175.00	155.00	140.00	1PQEH	(T)~~(N)~~
(~~r~~s) Per 100 Mbps[3]	450.00	540.00	210.00	190.00	170.00	1PQEJ	(T)~~(N)~~
(~~s~~t) Per Fractional 1000 Mbps[3]							(T)~~(N)~~
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	1PQEM	~~(N)~~
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	1PQEN	~~(N)~~
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	1PQER	~~(N)~~
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	1PQES	~~(N)~~
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	1PQET	~~(N)~~
							~~(M)~~

Note 1: Month to month rates are only available at the end of a contract rate period.

Note 2: Available only for systems installed on or after October 20, 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.

Note 3: Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. ~~(N)~~

~~Material previously appearing on this page now appears on page(s) 56 of this section.~~

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.1 General (Cont'd)

B. (Cont'd)

SMARTRing service Channel Interfaces are available as follows:

	NODES						
Channel Interfaces	**OC-3**	**OC-3+**	**OC-12**	**OC-48**	**OC-48+**	**OC-192**	**OC-192+**
DS1	Yes	Yes	No[1]	Yes[1]	No[1]	Yes[1]	No[1]
DS3	Yes	Yes	Yes	Yes	Yes	Yes	Yes[2]
STS-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes[2]
OC-3	No	No	Yes	Yes	Yes	Yes	Yes
OC-12	No	No	No	Yes	Yes	Yes	Yes
OC-48	No	No	No	No	No	Yes	Yes
28 DS1 Channel System (DS3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes[2]
28 DS1 Channel System (STS-1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes[2]
DS3 (Asymmetrical with DS1)	Yes	Yes	No	No	No	No	No
DS3 (Asymmetrical with Flex DS1)	No	No	Yes	Yes	Yes	Yes	Yes
DS1 Within an STS-1 Asymmetrical Arrangement	Yes	Yes	No	No	No	No	No
1000 Mbps	No	No	No	Yes[2]	Yes[2]	Yes	Yes[2]
10 Mbps	Yes[3]	No	Yes[4]	Yes[4]	Yes[4]	Yes[4]	Yes[4]
100 Mbps	No	No	Yes[4]	Yes[4]	Yes[4]	Yes[4]	Yes[4]
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	Yes[3]	No	Yes[4]	Yes[4]	Yes[4]	Yes[4]	Yes[4]
Fractional 1000 Mbps at 600 Mbps	No	No	No	Yes[4]	Yes[4]	Yes[4]	Yes[4]
Flex DS1[5]	No	No	Yes	Yes	Yes[6]	Yes	Yes[6]
~~100 Mbps BellSouth Metro Ethernet Backbone~~	~~Yes[7]~~	~~Yes[7]~~	~~Yes[7]~~	~~Yes[7]~~	~~Yes[7]~~	~~Yes[7]~~	~~Yes[7]~~ (M)(~~N~~)
~~1000 Mbps BellSouth Metro Ethernet Backbone~~	~~No~~	~~No~~	~~No~~	~~Yes[7]~~	~~Yes[7]~~	~~Yes[7]~~	~~Yes[7]~~ (~~N~~)

Note 1: DS1 interfaces are available via OC-3, OC-3+ or 28 DS1 Channel System arrangements only for OC-12, OC-48+ and OC-192+ nodes and for OC-48, OC-48+ and OC-192+ SMARTRing service Nodes installed prior to October 20, 2003. For OC-48 and OC-192 nodes, installed on or after that date to December 3, 2004, DS1 interfaces are available with a maximum quantity per node of 108.

Note 2: DS3, STS-1, channel systems and 1000 Mbps interfaces are only available for nodes installed after October 20, 2003. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 3: 10 Mbps and Fractional 1000 Mbps at 50 Mbps interfaces only are available on OC-3 rings installed on or after May 12, 2006.

Note 4: Available on rings installed on or after December 3, 2004. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 5: Effective December 3, 2004, DS1 interfaces for OC-12, OC-48 or OC-192 rings install on or after this date will be installed as a Flex DS1 interface. The maximum number of DS1 circuits available in a system is 108.

Note 6: 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). The maximum number of DS1 circuits available in a system is 108.

~~**Note 7:** 100 Mbps and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when SMARTRing service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the~~ (M)(~~N~~)

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~~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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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.1 General (Cont'd)

B. (Cont'd) (N)

SMARTRing service Channel Interfaces are available as follows: (Cont'd) (N)

	NODES							
Channel Interfaces	**OC-3**	**OC-3+**	**OC-12**	**OC-48**	**OC-48+**	**OC-192**	**OC-192+**	(N)
100 Mbps BellSouth Metro Ethernet Backbone	Yes[1]	Yes[1]	Yes[1]	Yes[1]	Yes[1]	Yes[1]	Yes[1]	(M)(T)
1000 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes[1]	Yes[1]	Yes[1]	Yes[1]	(M)(T)
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	No	No	Yes[1]	Yes[1]	Yes[1]	Yes[1]	Yes[1]	(N)
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes[1]	Yes[1]	Yes[1]	Yes[1]	(N)
Fibre Connection (FICON™)	No	No	No	Yes[2]	Yes[2]	Yes[2]	Yes[2]	(N)
Fibre Connection (FICON™) Express	No	No	No	No	No	Yes[2]	Yes[2]	(N)
Fibre Channel 100	No	No	No	Yes[2]	Yes[2]	Yes[2]	Yes[2]	(N)
Fibre Channel 200	No	No	No	No	No	Yes[2]	Yes[2]	(N)

Note *1*: *Fractional 1000 Mbps BellSouth Metro Ethernet Backbone*, 100 Mbps BellSouth Metro Ethernet Backbone and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when SMARTRing service is utilized for transport of a customer's BellSouth Metro Ethernet service. 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. Interface availability is based on equipment capability. (M)(C)

Note 2: The interface is further defined regarding the number of STS-1s used to provision the interface. Interface availability is based on equipment capability. (N)

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.1 General (Cont'd) (N)

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

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+	(N)
OC-12	X				(N)
OC-48	X	X			(N)
OC-192	X	X	X	X	(N)

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. (N)

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

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

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.2 Application of Rates (Cont'd)

G. (Cont'd)

3. 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 SMARTRing service which include all Nodes, ~~Channel Interfaces,~~ Local Channels, Alternate Central Office Channels, Internodal Channels and/or Interoffice Channels provided under the CSPP arrangement. For services under the month-to-month payment plan, a termination charge is equal to the number of months remaining in the twelve month minimum times the month-to-month rates in effect for SMARTRing service at the time of termination. (C)~~(C)~~
4. 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 B2.4.9.A.7 of this Tariff.
5. Additions of services or rate elements, for activating spare or unused capacities of a SMARTRing service under a CSPP arrangement, must be activated at the same rates and charges specified under the existing CSPP arrangement. Channel interfaces may be ordered as specified in 1. preceding.
6. Additions of services or rate elements, i.e. new local channels, interoffice channels, etc., other than for activating spare or unused capacities, must be under a new CSPP arrangement at rates and charges as specified in 1. preceding. The new CSPP arrangement must be at least 24 months and must be coterminous with the CSPP arrangement for the existing SMARTRing service.
7. All customers ordering a new SMARTRing service or upgrading existing SMARTRing service under a Channel Services Payment Plan (CSPP) by September 30, 1995, with a Service Establishment Date of no later than February 21, 1996, will benefit from a special promotional offering to waive nonrecurring charges associated with ring level billing.

   All SMARTRing service customers under a Special Service Arrangement contract, where the service has not been installed as of May 30, 1995, will benefit from the special promotional offering to waive nonrecurring charges associated with ring level billing.

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

   In addition, termination liability charges are also waived for upgrades to SMARTRing services, under the terms and conditions set forth in B2.4.9 preceding. Specific requirements must be satisfied in order for charges to be waived as follows:

   a. Nonrecurring charges set forth in B3.3 of this Tariff will be waived when a customer reconfigures existing Company provided network services that are groomed or rolled over onto a new SMARTRing service or upgraded from existing SMARTRing service.

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.2 Application of Rates (Cont'd)

M. For situations where a customer requests Local Channel and Interoffice Channel service components to a central office and alternate facilities are available that provide an equal or higher level of protection than the requested service arrangement, such alternate facilities may by utilized, with concurrence of the customer, and the rate application shall be that of the Local Channel and Interoffice Channel service components as requested by the customer. ~~(N)~~

N. Shared Node Interconnection Central Office Node charges apply for each location on a Shared Node Interconnection Secondary Ring involved in a Shared Node Interconnection arrangement. SMARTRing service Local Channel, Interoffice Channel, etc., ring level service components apply to the Shared Node Interconnection Central Office Node in the same manner as associated with a Central Office Node. (N)

The credit for service outages associated with Shared Node Interconnection Central Office Nodes shall be the same as is applicable to ring level nodes. (N)

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. (N)

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.3 Architecture (Cont'd)

A. SMARTRing Service (Cont'd)

- Internodal Channel (one for each path between two directly connected Customer Nodes), provides for the communications path between two directly connected Customer Nodes located (a) in the same Serving Wire Center area or (b) in the same Office Park/Campus Environment or contiguous property, located in contiguous Serving Wire Center areas.
- Channel Interface Capacity Reallocation (one per node per occurrence), allows the customer to reallocate channel interfaces on a node subsequent to the initial installation of the channel interfaces. For example, a customer may initially allocate, activated or spare, eighty-four DS1s at each node on the ring and may subsequently request Channel Interface Capacity Reallocation to drop one DS3 and fifty-six DS1s at each node, or other combination of DS3s and/or DS1s equivalent to an OC-3 network capacity.
- 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.
- SMARTRing service 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). For example, a customer may have a service that connects to a ring via an OC-3 interface at a node. That service is then transported around the ring and connects via an OC-12 interface to another of the customer's services. The allowable asymmetrical interface arrangements for the various ring sizes are as shown in Technical Reference TR-73582.
- When the distance between nodes on a SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is such that optical signal regeneration is required, then regeneration equipment will be provided at no additional charge to the customer to assure proper operation of the service. In some cases regeneration will be provided via SONET Add/Drop equipment called a Regeneration Node. A Regeneration Node does not contain the capability to add or drop services. Accordingly, FlexServ service Customer Network Management may not be ordered with a Regeneration Node, however, a customer may monitor a Regeneration Node via the FlexServ service Customer Network Management 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 FlexServ service Customer Network Management Surveillance. A Regeneration Node and Regeneration Node Surveillance, as applicable, will appear on a customer's records as a non-rated USOC, as follows:

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

- SMARTRing service 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. ~~(N)~~
- An individual Basic Shared Ethernet LAN Access Link associated with a VPR may not be equal to the size of the VPR and the sum of all or access links on a VPR must be equal to or less than the size (i.e., capacity) of the Virtual Packet Ring. An individual SMARTRing service arrangement may have multiple Virtual Packet Rings, up to and including the capacity of the ring. ~~(N)~~
- Customer requested upgrades of SMARTRing service will involve a service outage associated with Basic Shared Ethernet LAN Access Links, for which a credit for service outage shall not apply. ~~(N)~~
- Shared Node Interconnection (SNI) is available, based on equipment capability, whereby two SMARTRing service arrangements belonging to the same customer may share a node in a central office that is common to both rings. (N)

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

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

6. Customer Channel Interface (per Node)

		Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a)	Per DS1	$165.00	$45.00	$30.00	$25.00	$20.00	SHNBB	
(b)	Per DS3	130.00	170.00	135.00	130.00	125.00	SHNZT	
(c)	Per STS-1	130.00	220.00	170.00	150.00	140.00	SHN13	
(d)	Per OC-3, 2 fiber	130.00	255.00	190.00	170.00	160.00	SHN1D	
(e)	Per OC-3, 4 fiber	130.00	515.00	380.00	340.00	320.00	SHN15	
(f)	Per OC-12, 2 fiber	345.00	745.00	515.00	475.00	440.00	SHN1F	
(g)	Per OC-12, 4 fiber	345.00	1,490.00	1,030.00	950.00	880.00	SHN19	
(h)	Per OC-48, 2 fiber	420.00	1,600.00	1,325.00	1,215.00	1,050.00	SHN1A	
(i)	Per OC-48, 4 fiber	420.00	3,200.00	2,650.00	2,430.00	2,100.00	SHN1B	
(j)	Per DS1 within an STS-1 Asymmetrical Arrangement	330.00	25.00	22.00	20.00	18.00	SHNBS	
(k)	Per DS3 (Asymmetrical with DS1)	360.00	550.00	450.00	400.00	350.00	SHN1T	
(l)	Per 1000 Mbps 850 nm Multi-mode ***(21 STS-1)***	400.00	740.00	520.00	475.00	425.00	SHN1K	(C)
(m)	Per 1000 Mbps 850 nm Multi-mode (24 STS-1)	400.00	740.00	520.00	475.00	425.00	SHN3G	(N)
(~~m~~n)	Per 1000 Mbps 1310 nm Single-mode ***(21 STS-1)***	400.00	740.00	520.00	475.00	425.00	SHN3K	(C)
(o)	Per 1000 Mbps 1310 nm Single-mode (24 STS-1)	400.00	740.00	520.00	475.00	425.00	SHN3H	(N)
(~~n~~p)	Per 10 Mbps	450.00	500.00	175.00	155.00	140.00	SHN1M	(T)
(~~o~~q)	Per 100 Mbps	450.00	540.00	210.00	190.00	170.00	SHN1N	(T)
(~~p~~r)	Per 100 Mbps (3 STS-1) – Optical 1310 nm Single-mode	450.00	540.00	210.00	190.00	170.00	SHN3N	(T)
~~(q)~~	~~Per Fractional 1000 Mbps~~							~~(M)~~
	~~- 50 Mbps 850 nm Multi-mode~~	~~450.00~~	~~520.00~~	~~190.00~~	~~170.00~~	~~150.00~~	~~SHN1O~~	
	~~- 50 Mbps 1310 NM Single-mode~~	~~450.00~~	~~520.00~~	~~190.00~~	~~170.00~~	~~150.00~~	~~SHN3O~~	
	~~- 150 Mbps 850 nm Multi-mode~~	~~450.00~~	~~560.00~~	~~230.00~~	~~210.00~~	~~190.00~~	~~SHN1P~~	
	~~- 150 Mbps 1310 NM Single-mode~~	~~450.00~~	~~560.00~~	~~230.00~~	~~210.00~~	~~190.00~~	~~SHN3P~~	
	~~- 300 Mbps 850 nm Multi-mode~~	~~450.00~~	~~600.00~~	~~300.00~~	~~280.00~~	~~260.00~~	~~SHN1R~~	
	~~- 300 Mbps 1310 NM Single-mode~~	~~450.00~~	~~600.00~~	~~300.00~~	~~280.00~~	~~260.00~~	~~SHN3R~~	
	~~- 450 Mbps 850 nm Multi-mode~~	~~450.00~~	~~640.00~~	~~340.00~~	~~310.00~~	~~290.00~~	~~SHN1U~~	
	~~- 450 Mbps 1310 NM Single-mode~~	~~450.00~~	~~640.00~~	~~340.00~~	~~310.00~~	~~290.00~~	~~SHN3U~~	
	~~- 600 Mbps 850 nm Multi-mode~~	~~450.00~~	~~700.00~~	~~380.00~~	~~340.00~~	~~320.00~~	~~SHN1V~~	
	~~- 600 Mbps 1310 NM Single-mode~~	~~450.00~~	~~700.00~~	~~380.00~~	~~340.00~~	~~320.00~~	~~SHN3V~~	
~~(r)~~	~~Per Flex DS1~~	~~360.00~~	~~45.00~~	~~34.00~~	~~27.00~~	~~25.00~~	~~SHN1Q~~	
~~(s)~~	~~Per 100 Mbps (1 STS-1) Metro Ethernet Backbone~~	~~800.00~~	~~500.00~~	~~175.00~~	~~155.00~~	~~140.00~~	~~SHN1J~~	~~(N)~~
~~(t)~~	~~Per 100 Mbps (3 STS-1) Metro Ethernet Backbone~~	~~800.00~~	~~540.00~~	~~210.00~~	~~190.00~~	~~170.00~~	~~SHN33~~	~~(N)~~
~~(u)~~	~~Per 1000 Mbps Metro Ethernet Backbone~~	~~850.00~~	~~740.00~~	~~520.00~~	~~475.00~~	~~425.00~~	~~SHN34~~	~~(N)~~

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

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

6. Customer Channel Interface (per Node) (N)

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(~~q~~s) Per Fractional 1000 Mbps							(M)(T)
- 50 Mbps 850 nm Multi-mode	$450.00	$520.00	$190.00	$170.00	$150.00	SHN1O	(M)(T)
- 50 Mbps 1310 NM Single-mode	450.00	520.00	190.00	170.00	150.00	SHN3O	(M)
- 150 Mbps 850 nm Multi-mode	450.00	560.00	230.00	210.00	190.00	SHN1P	(M)
- 150 Mbps 1310 NM Single-mode	450.00	560.00	230.00	210.00	190.00	SHN3P	(M)
- 300 Mbps 850 nm Multi-mode	450.00	600.00	300.00	280.00	260.00	SHN1R	(M)
- 300 Mbps 1310 NM Single-mode	450.00	600.00	300.00	280.00	260.00	SHN3R	(M)
- 450 Mbps 850 nm Multi-mode	450.00	640.00	340.00	310.00	290.00	SHN1U	(M)
- 450 Mbps 1310 NM Single-mode	450.00	640.00	340.00	310.00	290.00	SHN3U	(M)
- 600 Mbps 850 nm Multi-mode	450.00	700.00	380.00	340.00	320.00	SHN1V	(M)
- 600 Mbps 1310 NM Single-mode	450.00	700.00	380.00	340.00	320.00	SHN3V	(M)
(~~r~~t) Per Flex DS1	360.00	45.00	34.00	27.00	25.00	SHN1Q	(M)(T)
(~~s~~u) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	500.00	175.00	155.00	140.00	SHN1J	(M)(T)
(~~t~~v) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	SHN33	(M)(T)
(~~u~~w) Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	SHN34	(M)(T)
(x) Per Fractional 1000 Mbps Metro Ethernet Backbone							(N)
- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	SHN35	(N)
- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	SHN36	(N)
- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	SHN37	(N)
- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	SHN38	(N)
(y) Per Fibre Connection (FICON ™) (19 STS-1)	500.00	810.00	570.00	520.00	470.00	SHNBC	(N)
(z) Per Fibre Connection (FICON ™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	SHNBD	(N)
(aa) Per Fibre Connection (FICON ™) Express (37 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNBE	(N)
(ab) Per Fibre Connection (FICON ™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNBF	(N)
(ac) Per Fibre Channel 100 (19 STS-1)	500.00	830.00	580.00	530.00	480.00	SHNBG	(N)
(ad) Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	SHNBH	(N)
(ae) Per Fibre Channel 200 (37 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNBJ	(N)
(af) Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNBK	(N)

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

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

7. Central Office Node (per Node)

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a) OC-3 capacity	$370.00	$1,400.00	$990.00	$900.00	$810.00	SHNH3	
(b) OC-3+ capacity	370.00	2,250.00	1,845.00	1,575.00	1,350.00	SHNH5	
(c) OC-12 capacity	375.00	2,680.00	1,980.00	1,800.00	1,575.00	SHNH1	
(d) OC-48 capacity	375.00	4,860.00	4,110.00	4,050.00	3,510.00	SHNH8	
(e) OC-48+ capacity	375.00	5,490.00	4,110.00	4,050.00	3,510.00	SHNH9	
(f) OC-192 capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNH7	
(g) OC-192+ capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNH6	
(h) OC-3 Shared Node Interconnection	550.00	980.00	690.00	630.00	570.00	SHNHA	(N)
(i) OC-12 Shared Node Interconnection	550.00	1,820.00	1,390.00	1,260.00	1,100.00	SHNHB	(N)
(j) OC-48 Shared Node Interconnection	550.00	3,400.00	2,880.00	2,840.00	2,460.00	SHNHC	(N)
(k) OC-3 Shared Node Interconnection	550.00	3,840.00	2,880.00	2,840.00	2,460.00	SHNHD	(N)

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

(a)	Per DS1	125.00	40.00	35.00	30.00	25.00	SHNCB	
(b)	Per DS3	185.00	115.00	85.00	80.00	75.00	SHNYT	
(c)	Per STS-1	215.00	150.00	105.00	100.00	90.00	SHNO2	
(d)	Per OC-3, 2 fiber	340.00	255.00	190.00	170.00	160.00	SHNCD	
(e)	Per OC-3, 4 fiber	340.00	515.00	380.00	340.00	320.00	SHNO4	
(f)	Per OC-12, 2 fiber	540.00	745.00	515.00	475.00	440.00	SHNCF	
(g)	Per OC-12, 4 fiber	540.00	1,490.00	1,030.00	950.00	880.00	SHNC9	
(h)	Per OC-48, 2 fiber	650.00	1,600.00	1,325.00	1,215.00	1,050.00	SHNCJ	
(i)	Per OC-48, 4 fiber	650.00	3,200.00	2,650.00	2,430.00	2,100.00	SHNCK	
(j)	Per 28 DS1 Channel System (DS3)	140.00	700.00	600.00	550.00	525.00	SHNW8	
(k)	Per 28 DS1 Channel System (STS-1)	140.00	750.00	550.00	500.00	450.00	SHNCS	
(l)	Per DS1 on 28 DS1 Channel System (DS3)	140.00	18.00	12.00	9.00	8.00	SHNCA	
(m)	Per DS1 on 28 DS1 Channel System (STS-1)	155.00	40.00	35.00	30.00	25.00	SHNCG	
(n)	Per DS1 within an STS-1 Asymmetrical Arrangement	360.00	25.00	22.00	20.00	18.00	SHNCH	
(o)	Per DS3 (Asymmetrical with DS1)	400.00	550.00	450.00	400.00	350.00	SHNCT	
(p)	Per 1000 Mbps ***(21 STS-1)***	400.00	740.00	520.00	475.00	425.00	SHNCW	(C)
(q)	Per 1000 Mbps (24 STS-1)	400.00	740.00	520.00	475.00	425.00	SHNDW	(N)
(~~q~~**r**)	Per 10 Mbps	450.00	500.00	175.00	155.00	140.00	SHNCM	(T)
(~~r~~**s**)	Per 100 Mbps (3 STS-1)	450.00	540.00	210.00	190.00	170.00	SHNCN	(T)
~~(s) Per Fractional 1000 Mbps~~								(M)
~~50 Mbps~~		~~450.00~~	~~520.00~~	~~190.00~~	~~170.00~~	~~150.00~~	~~SHNCO~~	
~~150 Mbps~~		~~450.00~~	~~560.00~~	~~230.00~~	~~210.00~~	~~190.00~~	~~SHNCP~~	
~~300 Mbps~~		~~450.00~~	~~600.00~~	~~300.00~~	~~280.00~~	~~260.00~~	~~SHNCR~~	
~~450 Mbps~~		~~450.00~~	~~640.00~~	~~340.00~~	~~310.00~~	~~290.00~~	~~SHNCU~~	
~~600 Mbps~~		~~450.00~~	~~700.00~~	~~380.00~~	~~340.00~~	~~320.00~~	~~SHNCV~~	
~~(t) Per Flex DS1~~		~~250.00~~	~~40.00~~	~~30.00~~	~~25.00~~	~~20.00~~	~~SHNCQ~~	

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~~(u) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone~~	~~**800.00**~~	~~**500.00**~~	~~**175.00**~~	~~**155.00**~~	~~**140.00**~~	~~**SHNOJ**~~	~~(N)~~
~~(v) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone~~	~~**800.00**~~	~~**540.00**~~	~~**210.00**~~	~~**190.00**~~	~~**170.00**~~	~~**SHNCX**~~	~~(N)~~
~~(w) Per 1000 Mbps Metro Ethernet Backbone~~	~~**850.00**~~	~~**740.00**~~	~~**520.00**~~	~~**475.00**~~	~~**425.00**~~	~~**SHNC5**~~	~~(N)~~

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

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

8. Central Office Channel Interface (per Node) (N)

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(t) Per Fractional 1000 Mbps							(M)(T)
- 50 Mbps	$450.00	$520.00	$190.00	$170.00	$150.00	SHNCO	(M)(T)
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	SHNCP	(M)
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	SHNCR	(M)
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	SHNCU	(M)
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	SHNCV	(M)
(u) Per Flex DS1	250.00	40.00	30.00	25.00	20.00	SHNCQ	(M)(T)
(v) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	500.00	175.00	155.00	140.00	SHNOJ	(M)(T)
(w) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	SHNCX	(M)(T)
(x) Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	SHNC5	(M)(T)
(y) Per Fractional 1000 Mbps Metro Ethernet Backbone							(N)
- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	SHND5	(N)
- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	SHND6	(N)
- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	SHND7	(N)
- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	SHND8	(N)
(z) Per Fibre Connection (FICON ™) (19 STS-1)	500.00	810.00	570.00	520.00	470.00	SHNDB	(N)
(aa) Per Fibre Connection (FICON ™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	SHNDC	(N)
(ab) Per Fibre Connection (FICON ™) Express (37 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNDD	(N)
(ac) Per Fibre Connection (FICON ™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNDE	(N)
(ad) Per Fibre Channel 100 (19 STS-1)	500.00	830.00	580.00	530.00	480.00	SHNDF	(N)
(ae) Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	SHNDG	(N)
(af) Per Fibre Channel 200 (37 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNDH	(N)
(ag) Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNDJ	(N)

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

14. Reconfiguration Changes

A customer request to modify a BellSouth Metro Ethernet Service connection subsequent to the establishment of the connection is considered a reconfiguration change. Nonrecurring charges provided for processing certain reconfiguration changes are the Service Reconfiguration Charge and System Reconfiguration Charge. The appropriate reconfiguration charge is dependent upon the physical work required to fulfill the reconfiguration change request and applies as specifically set forth herein in lieu of other BellSouth Metro Ethernet Service nonrecurring charges. Such changes are not treated as disconnects and do not change minimum period requirements.

A Service Reconfiguration Charge is applicable as set forth herein this tariff for requests where the work required is a minor change that does not involve changing the physical service type[1]. The Service Reconfiguration Charge is applicable as set forth in A40.13.2.C.5.b. following for a request to change an existing connection to a different connection that is the same physical service type[1] that is a lower order of service per the BellSouth Metro Ethernet hierarchy set forth in A40.13.2.C.4. following. The Service Reconfiguration Charge is also applicable for a request to change an existing Premium connection from fixed mode to burst mode (and vice versa), for a request to add or delete the Priority Plus feature on an existing Premium connection and for a request to change the CoS Profile on an existing Virtual connection.

A System Reconfiguration Charge is applicable as set forth herein this tariff for requests where the work required involves changing to a different physical service type[1] or involves major support system changes. The System Reconfiguration Charge is applicable as set forth in A40.13.2.C.5.a. following for requests to change an existing connection to a different connection that is a different physical service type[1] that is a lower order of service per the BellSouth Metro Ethernet hierarchy set forth in A40.13.2.C.4. following. The System Reconfiguration Charge is also applicable 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).

15. ***Customer Network Management (CNM)*** - Metro Ethernet Reporting Charge (T)

Customers with Premium or Virtual Metro Ethernet Service, as an optional feature, may order ***CNM*** - Metro Ethernet Reporting that provides customers a view into their BellSouth Metro Ethernet Service Network via a Web interface and Security Card. The ***CNM*** - Metro Ethernet Reporting charge 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. It is only available to customers purchasing Premium or Virtual BellSouth Metro Ethernet Service and is charged for each Premium or Virtual Metro Ethernet Service connection. (T)

Note 1: The physical service type/speed of each Metro Ethernet Connection is provided in A40.13.2.C.4. following.

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

16. ***CNM*** - Metro Ethernet Reporting Service Establishment Charge (T)

The Service Establishment Charge is a nonrecurring charge that applies per BellSouth Metro Ethernet Service customer account. This service charge covers the initial establishment of the ***CNM*** - Metro Ethernet Reporting account for each customer. A customer with an existing ***CNM*** - Metro Ethernet Reporting customer account from another BellSouth jurisdiction may re-use that customer account. (T)

17. ***CNM*** - Metro Ethernet Reporting Web Interface Charge (T)

All customers purchasing ***CNM*** - Metro Ethernet Reporting must have a Web Interface. This connection allows 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. The first Web Interface is included in the initial installation of the ***CNM*** - Metro Ethernet Reporting feature. A monthly charge and a nonrecurring charge are applicable for each additional Web Interface connection.

18. Metro Ethernet Security Card Charge

A Security Card is required for each 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 initial and additional cards, or for the issuance of additional cards to replace lost, damaged or expired cards. A nonrecurring charge is applicable per Security Card.

19. Automatic Protection Switching (APS)

Automatic Protection Switching (APS) is an optional feature as described in A40.13.2.C.9. following that provides customers with the option of having data channel survivability through the use of a secondary fiber path that is diverse from the path provided with their primary Metro Ethernet Connection. However, APS is not available for a 2 Mbps, 4 Mbps or 8 Mbps Connection.

20. Service Level Agreements (SLAs)

BellSouth Metro Ethernet Service Customer networks comprised of Premium Connections or Virtual Connections with 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 A40.13.2.B.6. following for Premium Connections and in Section A40.13.2.B.7. following for Virtual Connections.

B. Basis of Offering

1. Suspension of service is not allowed.
2. BellSouth Metro Ethernet Service is available 24 hours per day, 7 days per week, except for preventive maintenance.
3. Obligations of customer and Company
   a. The 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 Company.
   c. At the 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.
   d. Application testing described in A2.5.11 of this Tariff is not available for BellSouth Metro Ethernet Service components and features.
4. The minimum service period for all BellSouth Metro Ethernet Service tariff components is twelve months.
5. 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 and BellSouth ***CNM*** - Metro Ethernet Reporting will be unavailable during the period of time when preventive maintenance is being performed. This could result in BellSouth Metro Ethernet Service and BellSouth ***CNM*** - Metro Ethernet Reporting being unavailable during the period of time between 1:00 AM and 5:00 AM Eastern Time on any given Wednesday or Sunday morning. The Company upon written notice to the customer may adjust the maintenance window. (T)

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium BellSouth Metro Ethernet Service

BellSouth Metro Ethernet Service Level Agreements (SLAs) specify the Company's repair and performance commitments for ***CNM*** - Metro Ethernet Reporting customers. Credits are provided for missed commitments to Premium customers purchasing the ***CNM*** - Metro Ethernet Reporting feature. Credits only apply for portions of service provided by the Company. The following service measurements will outline the service levels the Company will deliver to ***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)

Repair

- BellSouth Metro Ethernet Service Time-to-Repair[1]
- Repair commitments are measured on a per occurrence basis

Network Service Levels

- BellSouth Metro Ethernet Service Network Availability
- BellSouth Metro Ethernet Service Network Latency
- Network Service Level Commitments are monthly performance measurements

a. SLA Definitions:

BellSouth Metro Ethernet Service Time-To-Repair

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

BellSouth Metro Ethernet Service Network Availability

- BellSouth Metro Ethernet Service Network Availability measures the percentage of time the customer's service is unavailable on the core network. 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 traverse the core network are not eligible for the Network Availability SLA and one will not be provided.
- The Service Level Commitment will be calculated by measuring and summing the outage for each 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 and time the network was unavailable due to circumstances outside the Company's control.

Note 1: SLA not applicable if missed due to LightGate service or SmartRing service outage where BellSouth Metro Ethernet Service is using LightGate service or SmartRing service as alternate transport.

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium BellSouth Metro Ethernet Service (Cont'd)

a. SLA Definitions: (Cont'd)

BellSouth Metro Ethernet Service Network Latency -

- BellSouth Metro Ethernet Service Network Latency measures average one-way delay in milliseconds within the core network. 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.
- The Service Level Commitment will be calculated by averaging the measured latency within the Metro Ethernet Customer Network between each pair of connections over a thirty-day period.

b. The Company's Service Level Commitments for BellSouth Metro Ethernet Service are as follows:

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

c. SLA Restrictions

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

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:

- 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, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the 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 premise.

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium Metro Ethernet Service (Cont'd)

c. SLA Restrictions (Cont'd)

The customer must request a credit within one calendar month of the 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 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.

d. SLA Credits for ***CNM*** **-** Metro Ethernet Reporting (T)

The following credits will apply when the Company misses a Service Level Commitment (each credit is described in (1) thru (3) following):

BellSouth Metro Ethernet Service Time-To-Repair

0 to 4 hours per incident – No Credit

Over 4 hours to 24 hours per incident – Credit 3 days MRC

Each additional 24-hour period, per incident – Credit additional 3 days MRC

BellSouth Metro Ethernet Service Network Availability – Credit 3 days MRC

BellSouth Metro Ethernet Service Network Latency – Credit 3 days MRC

The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following. Credits for all SLAs for a calendar month cannot exceed the MRC for the BellSouth Metro Ethernet Service components. Credits are not provided for partial month service.

(1) BellSouth Metro Ethernet Service Time-To-Repair Credit - The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one time-to-repair credit. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections.

(2) BellSouth Metro Ethernet Service Network Availability Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the availability commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Availability SLA.

(3) BellSouth Metro Ethernet Service Network Latency Credit – The credit will apply for each Metro Ethernet Service Connection that does not meet the latency commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Latency SLA

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual BellSouth Metro Ethernet Service

BellSouth Metro Ethernet Service Level Agreements (SLAs) specify the Company's repair and performance commitments for ***CNM*** - Metro Ethernet Reporting customers. Credits are provided for missed commitments to Virtual customers purchasing the ***CNM*** - Metro Ethernet Reporting feature. Credits only apply for portions of service provided by the Company. The following service measurements will outline the service levels the Company will deliver to ***CNM*** - 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., Real-Time, Interactive, Business Critical and Best Effort) 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)

Repair

- BellSouth Metro Ethernet Service Time-to-Repair[1]
- Repair commitments are measured on a per occurrence basis for all CoS

Network Service Levels

- BellSouth Metro Ethernet Service Network Availability
- BellSouth Metro Ethernet Service Network Latency[2]
- BellSouth Metro Ethernet Service Network Jitter[2, 3]
- BellSouth Metro Ethernet Service Network Packet Delivery[2]
- Network Service Level Commitments are monthly performance measurements by CoS

a. SLA Definitions:

BellSouth Metro Ethernet Service Time-To-Repair

- BellSouth Metro Ethernet Service Time-To-Repair measures the outage duration on a customer's 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 entered on the trouble ticket and end when fault is re-mediated. The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Time for scheduled maintenance windows 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. 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 traverse the core network (i.e., 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.
- The Service Level Commitment will be calculated by CoS by measuring and summing the outage for each 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 and time the network was unavailable due to circumstances outside the Company's control.

Note 1: SLA not applicable if missed due to LightGate service or SMARTRing service outage where BellSouth Metro Ethernet Service is using LightGate service or SMARTRing service 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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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual Metro Ethernet Service (Cont'd)

c. SLA Restrictions

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

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:

- 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, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the 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 premise.

The customer must request a credit within one calendar month of the 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 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.

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual Metro Ethernet Service (Cont'd)

d. SLA Credits for ***CNM*** - Metro Ethernet Reporting (T)

The following credits will apply when the Company misses a Service Level Commitment (each credit is described in (1) thru (3) 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 – Credit 3 days MRC

Each additional 24-hour period, per incident – Credit additional 3 days MRC

BellSouth Metro Ethernet Service Network Availability – Credit 3 days MRC

BellSouth Metro Ethernet Service Network Latency – Credit 3 days MRC

BellSouth Metro Ethernet Service Network Jitter – Credit 3 days MRC

BellSouth Metro Ethernet Service Network Packet Delivery – Credit 3 days MRC

The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following. Credits for all SLAs for a calendar month cannot exceed the MRC for the BellSouth Metro Ethernet Service components. Credits are not provided for partial month service.

(1) BellSouth Metro Ethernet Service Time-To-Repair Credit - The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one time-to-repair credit. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections.

(2) BellSouth Metro Ethernet Service Network Availability Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the availability commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections.

(3) BellSouth Metro Ethernet Service Network Latency Credit – The credit will apply for each Metro Ethernet Service Connection that does not meet the latency commitment for any eligible CoS. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Latency SLA

(4) BellSouth Metro Ethernet Service Network Jitter Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the jitter commitment for any eligible CoS. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Jitter SLA.

(5) BellSouth Metro Ethernet Service Network Packet Delivery Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the packet delivery commitment for any eligible CoS. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Packet Delivery SLA.

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

C. Provision of Service

1. Rates and charges contained in this Tariff consist of the following elements:
   a. Basic BellSouth Metro Ethernet Service Connection
   b. Premium BellSouth Metro Ethernet Service Connection
   c. Dedicated BellSouth Metro Ethernet Service Connection
   d. Virtual BellSouth Metro Ethernet Service Connection
   e. BellSouth Metro Ethernet Service Additional Mileage Charges
   f. Priority Plus
   g. Q-Forwarding
   h. VLAN Aggregation
   i. ***CNM*** **-** Metro Ethernet Reporting (T)
   j. Class of Service (CoS) Profile
   k. Automatic Protection Switching (APS)
   l. Service Reconfiguration
   m. System Reconfiguration
2. All service connection charges for BellSouth Metro Ethernet Service are included in the respective nonrecurring charges specified herein.
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 A40.13.2.C.4. following.

   A hierarchy of the various BellSouth Metro Ethernet Service Connections by capability (i.e., dedicated, basic, premium or virtual) and speed is provided in the chart in A40.13.2.C.4. following. This chart provides a higher order of service ranking that is utilized to determine the appropriate nonrecurring charge for reconfiguration requests.

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

5. Requests by a customer to change from one BellSouth Metro Ethernet Service arrangement to another BellSouth Metro Ethernet Service arrangement will be considered as reconfiguration change requests. Such reconfiguration changes are not treated as disconnects and do not change minimum period requirements. These requests must be for the same customer at the same location, and the service orders to accomplish the reconfiguration change requested must be related together and have no lapse in service.

   a. A customer request to change an existing BellSouth Metro Ethernet Service arrangement to a new arrangement that is a different physical service type (per the hierarchy chart) is considered a system reconfiguration request.

      If the new arrangement requested is a lower order of service, the System Reconfiguration Charge shall apply.

      If the new arrangement requested is a higher order of service, nonrecurring charges shall not apply (i.e., the System Reconfiguration Charge is not applicable).

   b. A customer request to change an existing BellSouth Metro Ethernet Service arrangement to a new arrangement that is the same physical service type (per the hierarchy chart) is considered a service reconfiguration request.

      If the new arrangement requested is a lower order of service, the Service Reconfiguration Charge shall apply.

      If the new arrangement requested is a higher order of service, nonrecurring charges shall not apply (i.e., the Service Reconfiguration Charge is not applicable).

6. A request to modify an existing BellSouth Metro Ethernet Connection as set forth following does not change the order of service or physical service type from the existing connection. Such a change is not treated as a disconnect, and there will be no change in the minimum period requirements.

   a. 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.

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

7. Customers cannot mix BellSouth Metro Ethernet Service and Native Mode LAN Interconnection (NMLI) Services from A40.3 preceding on the same Metro Ethernet Customer Network.

8. A System Reconfiguration Charge is applicable for a customer request to change the premises powering option (AC power to DC power, or vice versa) or NCTE signaling interface option (optical to electrical, or vice versa) on an existing BellSouth Metro Ethernet Connection. Such a change is not treated as a disconnect and there will be no change in the minimum period requirements.

9. Customers who subscribe to ***CNM*** - Metro Ethernet Reporting must monitor their entire BellSouth Metro Ethernet Network. (T)

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

11. 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.

For BellSouth Metro Ethernet Service Connections utilizing the customer's LightGate service or SMARTRing service as alternate transport, the committed bandwidth for select speeds will be as shown in BellSouth Technical Reference TR-73632. (N)

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

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A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.3 Rates and Charges (Cont'd)

I. ***CNM*** - Metro Ethernet Reporting[1] (T)

1. ***CNM*** - Metro Ethernet Reporting Service Establishment Charge (T)

	Nonrecurring Charge	Month to Month	12 to 36 Months	37 to 60 Months	USOC
(a) per customer account	**$250.00**	**$-**	**$-**	**$-**	**CNMSE**

2. ***CNM*** - Metro Ethernet Reporting Charge (T)

(a) per connection	**-**	**14.00**	**10.00**	**8.00**	**CNMME**

3. ***CNM*** - Metro Ethernet ***Reporting*** Web Interface Charge (T)

(a) first	**-**	**-**	**-**	**-**	**CNMWF**
(b) each additional	**75.00**	**25.00**	**20.00**	**18.00**	**CNMWE**

4. ***CNM*** - Metro Ethernet ***Reporting*** Security Card (T)

(a) each	**200.00**	**-**	**-**	**-**	**CNMSC**

Note 1: Optional feature only available with a Premium or a Virtual Connection.

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.1 General (Cont'd)

C. Channel interface availability varies with system size and transport architecture (asynchronous vs. synchronous). The following table lists the channel interfaces available with each LightGate service System. (Cont'd) (N)

Local Channel Systems: (Cont'd) (N)

	Asynchronous	Synchronous					(N)
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192	(N)
Customer Channel Interfaces							(N)
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes[1]	Yes[1]	Yes[1]	(N)
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes[1]	Yes[1]	(N)

Note 1: Fractional 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. Interface availability is based on equipment capability. (N)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.1 General (Cont'd)

C. Channel interface availability varies with system size and transport architecture (asynchronous vs. synchronous). The following table lists the channel interfaces available with each LightGate service System. (Cont'd)

Local Channel Systems: (Cont'd)

	Asynchronous	Synchronous					
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192	
Central Office Channel Interfaces							
DS1	Yes	Yes	Yes	No	Yes[1]	Yes[1]	
Flex DS1	No	No	No	Yes[2]	Yes[2]	Yes[2]	
DS3	Yes	No	Yes	Yes	Yes	Yes[1]	
DS3 Asymmetrical with DS1	No	No	Yes	No	No	No	
DS3 Asymmetrical with Flex DS1	No	No	No	Yes[2]	Yes[2]	Yes[2]	
STS-1	No	Yes	Yes	Yes	Yes	No	
OC-3	No	No	Yes	Yes	Yes	Yes	
OC-12	No	No	No	No	Yes	Yes	
OC-48	No	No	No	No	No	Yes	
28 DS1 Channel System	No	No	No	Yes	Yes	Yes[1]	
STS-1 Channel System	No	No	No	Yes	Yes	Yes[1]	
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes[3]	Yes[3]	Yes[3]	(N)
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes[3]	Yes[3]	(N)

Note 1: Available only for systems installed on or after October 20, 2003. The maximum number of DS1 Circuits available in a system is 108.

Note 2: Available only for systems installed on or after April 14, 2005. The maximum number of Flex DS1 circuits available in a system is 108.

Note 3: ***Fractional 1000 Mbps BellSouth Metro Ethernet Backbone, 100 Mbps BellSouth Metro Ethernet Backbone and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1, utilized in conjunction with the interface. The 100 Mbps (3-STS-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 nodes. Interface availability is based on equipment capability.*** (C)

All BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariffs are owned by BellSouth Intellectual Property Corporation.

B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.2 Application of Rates (Cont'd)

I. LightGate service rates under contract will not be increased by Company initiative until the contract period expires. Those monthly rates for LightGate service in effect at the time the service is installed and/or as of the service order application date, will be applicable until the contract expires. At the expiration date of the customer's payment period option, the customer may select a new payment period option at current contract rates or revert to current rates on a month-to-month basis. 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 B2.4.9.A.7 of this Tariff.

J. A Termination Liability Charge is applicable at the date of termination. The applicable charge is dependent on the contract period subscribed to and will be equal to the number of months remaining in the contract times fifty percent (50%) of the monthly rates for the LightGate service rates which are provided under contract, and are subject to the exemptions of 1. ***and 2.*** following. (C)

1. No Termination Liability Charge will be applicable for the LightGate service System when the customer renegotiates a new contract for the same system at the same location(s) for a period of time greater than the time remaining on the existing contract.
2. Termination Liability Charges do not apply to LightGate service channel interface service components. (N)

K. Transfer of service responsibility between customers is permitted subject to payment of a Transfer Charge as determined on an individual case basis.

B7.4.3 Digital Architecture and Definitions

A. Digital Architecture

1. LightGate services differ in provisioning method and numbering format from single channel services. These services will be available from the Company on a link (partial channel) basis rather than as an end-to-end service. This architecture is intended to promote more efficient connectivity of analog and digital networks in the future.

All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property Corporation.

B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.5 Rates and Charges (Cont'd)

A. LightGate service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.

7. Central Office Channel Interfaces

		Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a)	Per DS1	$125.00	$24.00	$20.00	$17.00	$16.00	1PQE8	
(b)	Per DS3	125.00	115.00	95.00	90.00	85.00	1PQE3	
(c)	Per DS3 (Asymmetrical with DS1/Flex DS1)	290.00	500.00	390.00	365.00	350.00	1PQEG	
(d)	Per STS-1	125.00	175.00	140.00	130.00	120.00	1PQE4	
(e)	Per OC-3 (2 Fiber)	200.00	240.00	190.00	175.00	160.00	1PQE5	
(f)	Per OC-3 (4 Fiber)	200.00	425.00	330.00	300.00	270.00	1PQE6	
(g)	Per OC-12 (2 Fiber)	360.00	640.00	495.00	450.00	405.00	1PQEE	
(h)	Per OC-12 (4 Fiber)	400.00	1,280.00	990.00	900.00	810.00	1PQED	
(i)	Per OC-48 (2 Fiber)	500.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQEO	
(j)	Per OC-48 (4 Fiber)	500.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQEF	
(k)	Per 28 DS1 Channel System	125.00	600.00	490.00	465.00	450.00	MQ3CO	
(l)	Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	7.00	6.00	1PQEA	
(m)	Per STS-1 Channel System	125.00	600.00	490.00	465.00	450.00	1PQE7	
(n)	Per OC-3 Channel System	125.00	1,325.00	1,100.00	1,000.00	900.00	1PQE9	
(o)	Per OC-12 Channel System	125.00	2,650.00	2,200.00	2,000.00	1,800.00	1PQ12	
(p)	Per OC-48 Channel System	125.00	5,490.00	4,410.00	4,050.00	3,510.00	1PQ48	
(q)	Per 1000 Mbps ***(21 – STS-1)***[1]	400.00	740.00	520.00	475.00	425.00	1PQEK	(C)
(r)	Per 1000 Mbps (24 – STS-1)[1]	400.00	740.00	520.00	475.00	425.00	1PQEW	(N)
(***s***)	Per 10 Mbps[2]	450.00	500.00	175.00	155.00	140.00	1PQEH	(T)
(***t***)	Per 100 Mbps (3 STS-1)[2]	450.00	540.00	210.00	190.00	170.00	1PQEJ	(T)
(***u***)	Per Fractional 1000 Mbps[2]							(T)
	- 50 Mbps	450.00	520.00	190.00	170.00	150.00	1PQEM	
	- 150 Mbps	450.00	560.00	230.00	210.00	190.00	1PQEN	
	- 300 Mbps	450.00	600.00	300.00	280.00	260.00	1PQER	
	- 450 Mbps	450.00	640.00	340.00	310.00	290.00	1PQES	
	- 600 Mbps	450.00	700.00	380.00	340.00	320.00	1PQET	
(***v***)	Per Flex DS1	130.00	24.00	20.00	17.00	16.00	1PQEQ	(T)

(M)

Note 1: Available only for systems installed on or after October 20, 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.

Note 2: Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Material previously appearing on this page now appears on page(s) 52.0.1 of this section.

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.5 Rates and Charges (Cont'd)

A. LightGate service Local Channel Systems (Cont'd) (N)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities. (N)
(Cont'd)

7. Central Office Channel Interfaces (Cont'd) (N)

		Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(*w*)	Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	**$800.00**	**$500.00**	**$175.00**	**$155.00**	**$140.00**	**1PQEU**	(M)(T)
(*x*)	Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	**800.00**	**540.00**	**210.00**	**190.00**	**170.00**	**1PQEY**	(M)(T)
(*y*)	Per 1000 Mbps Metro Ethernet Backbone	**850.00**	**740.00**	**520.00**	**475.00**	**425.00**	**1PQEZ**	(M)(T)
(z)	Per Fractional 1000 Mbps Metro Ethernet Backbone							(N)
	- 150 Mbps (3 STS-1)	**850.00**	**560.00**	**230.00**	**210.00**	**190.00**	**1PQD5**	(N)
	- 300 Mbps (6 STS-1)	**850.00**	**600.00**	**300.00**	**280.00**	**260.00**	**1PQD6**	(N)
	- 450 Mbps (9 STS-1)	**850.00**	**640.00**	**340.00**	**310.00**	**290.00**	**1PQD7**	(N)
	- 600 Mbps (12 STS-1)	**850.00**	**700.00**	**380.00**	**340.00**	**320.00**	**1PQD8**	(N)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.5 Rates and Charges (Cont'd)

A. LightGate service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities. (Cont'd)

8. Customer Channel Interfaces

		Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a)	Per DS1	**$170.00**	**$24.00**	**$20.00**	**$17.00**	**$16.00**	**1PQF1**	
(b)	Per DS3	**125.00**	**115.00**	**95.00**	**90.00**	**85.00**	**1PQF3**	
(c)	Per DS3 (Asymmetrical with DS1/Flex DS1)	**280.00**	**500.00**	**390.00**	**365.00**	**350.00**	**1PQFG**	
(d)	Per STS-1	**125.00**	**240.00**	**195.00**	**185.00**	**175.00**	**1PQF4**	
(e)	Per OC-3 (2 Fiber)	**125.00**	**240.00**	**190.00**	**175.00**	**160.00**	**1PQF5**	
(f)	Per OC-3 (4 Fiber)	**125.00**	**475.00**	**380.00**	**350.00**	**320.00**	**1PQF6**	
(g)	Per OC-12 (2 Fiber)	**275.00**	**715.00**	**570.00**	**525.00**	**480.00**	**1PQF8**	
(h)	Per OC-12 (4 Fiber)	**275.00**	**1,430.00**	**1,140.00**	**1,050.00**	**960.00**	**1PQF7**	
(i)	Per OC-48 (2 Fiber)	**300.00**	**1,600.00**	**1,325.00**	**1,215.00**	**1,050.00**	**1PQF2**	
(j)	Per OC-48 (4 Fiber)	**300.00**	**3,200.00**	**2,650.00**	**2,430.00**	**2,100.00**	**1PQFO**	
(k)	Per 1000 Mbps 850 nm Multi-mode ***(21 STS-1)***[1]	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**1PQFK**	(C)
(l)	Per 1000 Mbps 850 nm Multi-mode (24 STS-1)[1]	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**1PQFP**	(N)
(***m***)	Per 1000 Mbps 1310 nm Single-mode ***(21 STS-1)***[1]	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**1PQ3K**	(C)
(n)	Per 1000 Mbps 1310 nm Single-mode (24 STS-1)[1]	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**1PQ3P**	(N)
(***o***)	Per 10 Mbps (3 STS-1) - Electrical[2]	**450.00**	**500.00**	**175.00**	**155.00**	**140.00**	**1PQFH**	(T)
(***p***)	Per 100 Mbps[2]	**450.00**	**540.00**	**210.00**	**190.00**	**170.00**	**1PQFJ**	(T)
(***q***)	Per 100 Mbps (3 STS-1) - 1310 nm Single-mode[2]	**450.00**	**540.00**	**210.00**	**190.00**	**170.00**	**1PQ3J**	(T)
(***r***)	Per Fractional 1000 Mbps[2]							(T)
	- 50 Mbps 850 nm Multi-mode	**450.00**	**520.00**	**190.00**	**170.00**	**150.00**	**1PQFM**	
	- 50 Mbps 1310 nm Single-mode	**450.00**	**520.00**	**190.00**	**170.00**	**150.00**	**1PQ3M**	
	- 150 Mbps 850 nm Multi-mode	**450.00**	**560.00**	**230.00**	**210.00**	**190.00**	**1PQFN**	
	- 150 Mbps 1310 nm Single-mode	**450.00**	**560.00**	**230.00**	**210.00**	**190.00**	**1PQ3N**	
	- 300 Mbps 850 nm Multi-mode	**450.00**	**600.00**	**300.00**	**280.00**	**260.00**	**1PQFR**	
	- 300 Mbps 1310 nm Single-mode	**450.00**	**600.00**	**300.00**	**280.00**	**260.00**	**1PQ3R**	
	- 450 Mbps 850 nm Multi-mode	**450.00**	**640.00**	**340.00**	**310.00**	**290.00**	**1PQFS**	
	- 450 Mbps 1310 nm Single-mode	**450.00**	**640.00**	**340.00**	**310.00**	**290.00**	**1PQ3S**	
	- 600 Mbps 850 nm Multi-mode	**450.00**	**700.00**	**380.00**	**340.00**	**320.00**	**1PQFT**	
	- 600 Mbps 1310 nm Single-mode	**450.00**	**700.00**	**380.00**	**340.00**	**320.00**	**1PQ3T**	
(***s***)	Per Flex DS1	**260.00**	**24.00**	**20.00**	**17.00**	**16.00**	**1PQFQ**	(T)
								(M)

Note 1: Available only for systems installed on or after October 20, 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.

Note 2: Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 3: Month to month rates are only available at the end of a contract rate period.

Material previously appearing on this page now appears on page(s) 52.2 of this section.

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.5 Rates and Charges (Cont'd)

A. LightGate service Local Channel Systems (Cont'd) (N)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities. (N)
(Cont'd)

8. Customer Channel Interfaces (Cont'd) (N)

		Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(*t*)	Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	**$800.00**	**$500.00**	**$175.00**	**$155.00**	**$140.00**	**1PQFU**	(M)(T)
(*u*)	Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	**800.00**	**540.00**	**210.00**	**190.00**	**170.00**	**1PQFY**	(M)(T)
(*v*)	Per 1000 Mbps Metro Ethernet Backbone	**850.00**	**740.00**	**520.00**	**475.00**	**425.00**	**1PQFZ**	(M)(T)
(w)	Per Fractional 1000 Mbps Metro Ethernet Backbone							(N)
	- 150 Mbps (3 STS-1)	**850.00**	**560.00**	**230.00**	**210.00**	**190.00**	**1PQ35**	(N)
	- 300 Mbps (6 STS-1)	**850.00**	**600.00**	**300.00**	**280.00**	**260.00**	**1PQ36**	(N)
	- 450 Mbps (9 STS-1)	**850.00**	**640.00**	**340.00**	**310.00**	**290.00**	**1PQ37**	(N)
	- 600 Mbps (12 STS-1)	**850.00**	**700.00**	**380.00**	**340.00**	**320.00**	**1PQ38**	(N)

Material appearing on this page previously appeared on page(s) 52.1 of this section.

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd) (T)

B7.4.5 Rates and Charges (Cont'd)

D. Interoffice Channels (Cont'd) (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)

6. LightGate OC-192 service[1] (T)

a. Per OC-192

(1) 0-8 miles

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a) Fixed	$190.00	$19,000.00	$15,500.00	$13,800.00	$12,500.00	1LPS8	
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE8	
(2) 9-25 miles							
(a) Fixed	190.00	19,900.00	15,900.00	14,200.00	12,700.00	1LPS9	
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE9	
(3) Over 25 miles							
(a) Fixed	190.00	22,000.00	17,700.00	15,800.00	14,100.00	1LPS6	
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE6	
7. Central Office Channel Interfaces							
(a) Per DS1	125.00	24.00	20.00	17.00	16.00	1PQE8	
(b) Per DS3	125.00	115.00	95.00	90.00	85.00	1PQE3	
(c) Per STS-1	125.00	175.00	140.00	130.00	120.00	1PQE4	
(d) Per OC-3 (2 Fiber)	200.00	240.00	190.00	175.00	160.00	1PQE5	
(e) Per OC-3 (4 Fiber)	200.00	425.00	330.00	300.00	270.00	1PQE6	
(f) Per OC-12 (2 Fiber)	360.00	640.00	495.00	450.00	405.00	1PQEE	
(g) Per OC-12 (4 Fiber)	400.00	1,280.00	990.00	900.00	810.00	1PQED	
(h) Per OC-48 (2 Fiber)	500.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQEO	
(i) Per OC-48 (4 Fiber)	500.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQEF	
(j) Per 28 DS1 Channel System	125.00	600.00	490.00	465.00	450.00	MQ3CO	
(k) Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	7.00	6.00	1PQEA	
(l) Per STS-1 Channel System	125.00	600.00	490.00	465.00	450.00	1PQE7	
(m) Per OC-3 Channel System	125.00	1,325.00	1,100.00	1,000.00	900.00	1PQE9	
(n) Per OC-12 Channel System	125.00	2,650.00	2,200.00	2,000.00	1,800.00	1PQ12	
(o) Per OC-48 Channel System	125.00	5,490.00	4,410.00	4,050.00	3,510.00	1PQ48	
(p) Per 1000 Mbps ***(21 STS-1)***[2]	400.00	740.00	520.00	475.00	425.00	1PQEK	(C)
(q) Per 1000 Mbps (24 STS-1)[1]	400.00	740.00	520.00	475.00	425.00	1PQEW	(N)
(***r***) Per 10 Mbps[3]	450.00	500.00	175.00	155.00	140.00	1PQEH	(T)
(***s***) Per 100 Mbps[3]	450.00	540.00	210.00	190.00	170.00	1PQEJ	(T)
(***t***) Per Fractional 1000 Mbps[3]							(T)
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	1PQEM	
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	1PQEN	
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	1PQER	
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	1PQES	
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	1PQET	

Note 1: Month to month rates are only available at the end of a contract rate period.

Note 2: Available only for systems installed on or after October 20, 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.

Note 3: Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.1 General (Cont'd)

B. (Cont'd)

SMARTRing service Channel Interfaces are available as follows:

	NODES						
Channel Interfaces	**OC-3**	**OC-3+**	**OC-12**	**OC-48**	**OC-48+**	**OC-192**	**OC-192+**
DS1	Yes	Yes	No[1]	Yes[1]	No[1]	Yes[1]	No[1]
DS3	Yes	Yes	Yes	Yes	Yes	Yes	Yes[2]
STS-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes[2]
OC-3	No	No	Yes	Yes	Yes	Yes	Yes
OC-12	No	No	No	Yes	Yes	Yes	Yes
OC-48	No	No	No	No	No	Yes	Yes
28 DS1 Channel System (DS3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes[2]
28 DS1 Channel System (STS-1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes[2]
DS3 (Asymmetrical with DS1)	Yes	Yes	No	No	No	No	No
DS3 (Asymmetrical with Flex DS1)	No	No	Yes	Yes	Yes	Yes	Yes
DS1 Within an STS-1 Asymmetrical Arrangement	Yes	Yes	No	No	No	No	No
1000 Mbps	No	No	No	Yes[2]	Yes[2]	Yes	Yes[2]
10 Mbps	Yes[3]	No	Yes[4]	Yes[4]	Yes[4]	Yes[4]	Yes[4]
100 Mbps	No	No	Yes[4]	Yes[4]	Yes[4]	Yes[4]	Yes[4]
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	Yes[3]	No	Yes[4]	Yes[4]	Yes[4]	Yes[4]	Yes[4]
Fractional 1000 Mbps at 600 Mbps	No	No	No	Yes[4]	Yes[4]	Yes[4]	Yes[4]
Flex DS1[5]	No	No	Yes	Yes	Yes[6]	Yes	Yes[6]

(M)

Note 1: DS1 interfaces are available via OC-3, OC-3+ or 28 DS1 Channel System arrangements only for OC-12, OC-48+ and OC-192+ nodes and for OC-48, OC-48+ and OC-192+ SMARTRing service Nodes installed prior to October 20, 2003. For OC-48 and OC-192 nodes, installed on or after that date to December 3, 2004, DS1 interfaces are available with a maximum quantity per node of 108.

Note 2: DS3, STS-1, channel systems and 1000 Mbps interfaces are only available for nodes installed after October 20, 2003. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 3: 10 Mbps and Fractional 1000 Mbps at 50 Mbps interfaces only are available on OC-3 rings installed on or after May 12, 2006.

Note 4: Available on rings installed on or after December 3, 2004. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 5: Effective December 3, 2004, DS1 interfaces for OC-12, OC-48 or OC-192 rings install on or after this date will be installed as a Flex DS1 interface. The maximum number of DS1 circuits available in a system is 108.

Note 6: 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). The maximum number of DS1 circuits available in a system is 108.

Material previously appearing on this page now appears on page(s) 59.0.0.1 of this section.

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.1 General (Cont'd)

B. (Cont'd) (N)

SMARTRing service Channel Interfaces are available as follows: (Cont'd) (N)

	NODES							
Channel Interfaces	**OC-3**	**OC-3+**	**OC-12**	**OC-48**	**OC-48+**	**OC-192**	**OC-192+**	(N)
100 Mbps BellSouth Metro Ethernet Backbone	Yes*1*	Yes*1*	Yes*1*	Yes*1*	Yes*1*	Yes*1*	Yes*1*	(M)(T)
1000 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes*1*	Yes*1*	Yes*1*	Yes*1*	(M)(T)
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	nO	No	Yes[1]	Yes[1]	Yes[1]	Yes[1]	Yes[1]	(N)
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes[1]	Yes[1]	Yes[1]	Yes[1]	(N)

Note *1*: *Fractional 1000 Mbps BellSouth Metro Ethernet Backbone,* 100 Mbps BellSouth Metro Ethernet Backbone and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when SMARTRing service is utilized for transport of a customer's BellSouth Metro Ethernet service. 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. Interface availability is based on equipment capability. (M)(C)

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.1 General (Cont'd) (N)

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

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

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. (N)

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

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

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.2 Application of Rates (Cont'd)

G. (Cont'd)

3. 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 SMARTRing service which include all Nodes, Local Channels, Alternate Central Office Channels, Internodal Channels and/or Interoffice Channels provided under the CSPP arrangement. For services under the month-to-month payment plan, a termination charge is equal to the number of months remaining in the twelve month minimum times the month-to-month rates in effect for SMARTRing service at the time of termination. (C)
4. 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 B2.4.9.A.7 of this Tariff.
5. Additions of services or rate elements, for activating spare or unused capacities of a SMARTRing service under a CSPP arrangement, must be activated at the same rates and charges specified under the existing CSPP arrangement. Channel interfaces may be ordered as specified in 1. preceding.
6. Additions of services or rate elements, i.e. new local channels, interoffice channels, etc., other than for activating spare or unused capacities, must be under a new CSPP arrangement at rates and charges as specified in 1. preceding. The new CSPP arrangement must be at least 24 months and must be coterminous with the CSPP arrangement for the existing SMARTRing service.
7. All customers ordering a new SMARTRing service or upgrading existing SMARTRing service under a Channel Services Payment Plan (CSPP) by September 30, 1995, with a Service Establishment Date of no later than February 21, 1996, will benefit from a special promotional offering to waive nonrecurring charges associated with ring level billing.

   All SMARTRing service customers under a Special Service Arrangement contract, where the service has not been installed as of May 30, 1995, will benefit from the special promotional offering to waive nonrecurring charges associated with ring level billing.

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

   In addition, termination liability charges are also waived for upgrades to SMARTRing services, under the terms and conditions set forth in B2.4.9 preceding. Specific requirements must be satisfied in order for charges to be waived as follows:

   a. Nonrecurring charges set forth in B3.3 of this Tariff will be waived when a customer reconfigures existing Company provided network services that are groomed or rolled over onto a new SMARTRing service or upgraded from existing SMARTRing service.

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.2 Application of Rates (Cont'd)

M. For situations where a customer requests Local Channel and Interoffice Channel service components to a central office and alternate facilities are available that provide an equal or higher level of protection than the requested service arrangement, such alternate facilities may by utilized, with concurrence of the customer, and the rate application shall be that of the Local Channel and Interoffice Channel service components as requested by the customer.

N. Shared Node Interconnection Central Office Node charges apply for each location on a Shared Node Interconnection Secondary Ring involved in a Shared Node Interconnection arrangement. SMARTRing service Local Channel, Interoffice Channel, etc., ring level service components apply to the Shared Node Interconnection Central Office Node in the same manner as associated with a Central Office Node. (N)

The credit for service outages associated with Shared Node Interconnection Central Office Nodes shall be the same as is applicable to ring level nodes. (N)

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. (N)

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.3 Architecture (Cont'd)

A. SMARTRing Service (Cont'd)

- Internodal Channel (one for each path between two directly connected Customer Nodes), provides for the communications path between two directly connected Customer Nodes located (a) in the same Serving Wire Center area or (b) in the same Office Park/Campus Environment or contiguous property, located in contiguous Serving Wire Center areas.
- Channel Interface Capacity Reallocation (one per node per occurrence), allows the customer to reallocate channel interfaces on a node subsequent to the initial installation of the channel interfaces. For example, a customer may initially allocate, activated or spare, eighty-four DS1s at each node on the ring and may subsequently request Channel Interface Capacity Reallocation to drop one DS3 and fifty-six DS1s at each node, or other combination of DS3s and/or DS1s equivalent to an OC-3 network capacity.
- 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.
- SMARTRing service 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). For example, a customer may have a service that connects to a ring via an OC-3 interface at a node. That service is then transported around the ring and connects via an OC-12 interface to another of the customer's services. The allowable asymmetrical interface arrangements for the various ring sizes are as shown in Technical Reference TR-73582.
- When the distance between nodes on a SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is such that optical signal regeneration is required, then regeneration equipment will be provided at no additional charge to the customer to assure proper operation of the service. In some cases regeneration will be provided via SONET Add/Drop equipment called a Regeneration Node. A Regeneration Node does not contain the capability to add or drop services. Accordingly, FlexServ service Customer Network Management may not be ordered with a Regeneration Node, however, a customer may monitor a Regeneration Node via the FlexServ service Customer Network Management 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 FlexServ service Customer Network Management Surveillance. A Regeneration Node and Regeneration Node Surveillance, as applicable, will appear on a customer's records as a non-rated USOC, as follows:

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

- SMARTRing service 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.
- An individual Basic Shared Ethernet LAN Access Link associated with a VPR may not be equal to the size of the VPR and the sum of all or access links on a VPR must be equal to or less than the size (i.e., capacity) of the Virtual Packet Ring. An individual SMARTRing service arrangement may have multiple Virtual Packet Rings, up to and including the capacity of the ring.
- Customer requested upgrades of SMARTRing service will involve a service outage associated with Basic Shared Ethernet LAN Access Links, for which a credit for service outage shall not apply.
- Shared Node Interconnection (SNI) is available, based on equipment capability, whereby two SMARTRing service arrangements belonging to the same customer may share a node in a central office that is common to both rings. (N)

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

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

6. Customer Channel Interface (per Node)

		Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a)	Per DS1	**$165.00**	**$45.00**	**$30.00**	**$25.00**	**$20.00**	**SHNBB**	
(b)	Per DS3	**130.00**	**170.00**	**135.00**	**130.00**	**125.00**	**SHNZT**	
(c)	Per STS-1	**130.00**	**220.00**	**170.00**	**150.00**	**140.00**	**SHN13**	
(d)	Per OC-3, 2 fiber	**130.00**	**255.00**	**190.00**	**170.00**	**160.00**	**SHN1D**	
(e)	Per OC-3, 4 fiber	**130.00**	**515.00**	**380.00**	**340.00**	**320.00**	**SHN15**	
(f)	Per OC-12, 2 fiber	**345.00**	**745.00**	**515.00**	**475.00**	**440.00**	**SHN1F**	
(g)	Per OC-12, 4 fiber	**345.00**	**1,490.00**	**1,030.00**	**950.00**	**880.00**	**SHN19**	
(h)	Per OC-48, 2 fiber	**420.00**	**1,600.00**	**1,325.00**	**1,215.00**	**1,050.00**	**SHN1A**	
(i)	Per OC-48, 4 fiber	**420.00**	**3,200.00**	**2,650.00**	**2,430.00**	**2,100.00**	**SHN1B**	
(j)	Per DS1 within an STS-1 Asymmetrical Arrangement	**330.00**	**25.00**	**22.00**	**20.00**	**18.00**	**SHNBS**	
(k)	Per DS3 (Asymmetrical with DS1)	**360.00**	**550.00**	**450.00**	**400.00**	**350.00**	**SHN1T**	
(l)	Per 1000 Mbps 850 nm Multi-mode ***(21 STS-1)***	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**SHN1K**	(C)
(m)	Per 1000 Mbps 850 nm Multi-mode (24 STS-1)	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**SHN3G**	(N)
(***n***)	Per 1000 Mbps 1310 nm Single-mode ***(21 STS-1)***	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**SHN3K**	(C)
(o)	Per 1000 Mbps 1310 nm Single-mode (24 STS-1)	**400.00**	**740.00**	**520.00**	**475.00**	**425.00**	**SHN3H**	(N)
(***p***)	Per 10 Mbps	**450.00**	**500.00**	**175.00**	**155.00**	**140.00**	**SHN1M**	(T)
(***q***)	Per 100 Mbps	**450.00**	**540.00**	**210.00**	**190.00**	**170.00**	**SHN1N**	(T)
(***r***)	Per 100 Mbps (3 STS-1) – Optical 1310 nm Single-mode	**450.00**	**540.00**	**210.00**	**190.00**	**170.00**	**SHN3N**	(T)

(M)

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

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

6. Customer Channel Interface (per Node) (N)

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(***s***) Per Fractional 1000 Mbps							(M)(T)
- 50 Mbps 850 nm Multi-mode	***$***450.00	***$***520.00	***$***190.00	***$***170.00	***$***150.00	SHN1O	(M)(T)
- 50 Mbps 1310 ***nm*** Single-mode	450.00	520.00	190.00	170.00	150.00	SHN3O	(M)(T)
- 150 Mbps 850 nm Multi-mode	450.00	560.00	230.00	210.00	190.00	SHN1P	(M)
- 150 Mbps 1310 ***nm*** Single-mode	450.00	560.00	230.00	210.00	190.00	SHN3P	(M)(T)
- 300 Mbps 850 nm Multi-mode	450.00	600.00	300.00	280.00	260.00	SHN1R	(M)
- 300 Mbps 1310 ***nm*** Single-mode	450.00	600.00	300.00	280.00	260.00	SHN3R	(M)(T)
- 450 Mbps 850 nm Multi-mode	450.00	640.00	340.00	310.00	290.00	SHN1U	(M)
- 450 Mbps 1310 ***nm*** Single-mode	450.00	640.00	340.00	310.00	290.00	SHN3U	(M)(T)
- 600 Mbps 850 nm Multi-mode	450.00	700.00	380.00	340.00	320.00	SHN1V	(M)
- 600 Mbps 1310 ***nm*** Single-mode	450.00	700.00	380.00	340.00	320.00	SHN3V	(M)(T)
(***t***) Per Flex DS1	360.00	45.00	34.00	27.00	25.00	SHN1Q	(M)(T)
(***u***) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	500.00	175.00	155.00	140.00	SHN1J	(M)(T)
(***v***) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	SHN33	(M)(T)
(***w***) Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	SHN34	(M)(T)
(x) Per Fractional 1000 Mbps Metro Ethernet Backbone							(N)
- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	SHN35	(N)
- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	SHN36	(N)
- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	SHN37	(N)
- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	SHN38	(N)

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

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

7. Central Office Node (per Node)

		Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a)	OC-3 capacity	$370.00	$1,400.00	$990.00	$900.00	$810.00	SHNH3	
(b)	OC-3+ capacity	370.00	2,250.00	1,845.00	1,575.00	1,350.00	SHNH5	
(c)	OC-12 capacity	375.00	2,680.00	1,980.00	1,800.00	1,575.00	SHNH1	
(d)	OC-48 capacity	375.00	4,860.00	4,110.00	4,050.00	3,510.00	SHNH8	
(e)	OC-48+ capacity	375.00	5,490.00	4,110.00	4,050.00	3,510.00	SHNH9	
(f)	OC-192 capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNH7	
(g)	OC-192+ capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNH6	
(h)	OC-3 Shared Node Interconnection	550.00	980.00	690.00	630.00	570.00	SHNHA	(N)
(i)	OC-12 Shared Node Interconnection	550.00	1,820.00	1,390.00	1,260.00	1,100.00	SHNHB	(N)
(j)	OC-48 Shared Node Interconnection	550.00	3,400.00	2,880.00	2,840.00	2,460.00	SHNHC	(N)
(k)	OC-3 Shared Node Interconnection	550.00	3,840.00	2,880.00	2,840.00	2,460.00	SHNHD	(N)

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

(a)	Per DS1	125.00	40.00	35.00	30.00	25.00	SHNCB	
(b)	Per DS3	185.00	115.00	85.00	80.00	75.00	SHNYT	
(c)	Per STS-1	215.00	150.00	105.00	100.00	90.00	SHNO2	
(d)	Per OC-3, 2 fiber	340.00	255.00	190.00	170.00	160.00	SHNCD	
(e)	Per OC-3, 4 fiber	340.00	515.00	380.00	340.00	320.00	SHNO4	
(f)	Per OC-12, 2 fiber	540.00	745.00	515.00	475.00	440.00	SHNCF	
(g)	Per OC-12, 4 fiber	540.00	1,490.00	1,030.00	950.00	880.00	SHNC9	
(h)	Per OC-48, 2 fiber	650.00	1,600.00	1,325.00	1,215.00	1,050.00	SHNCJ	
(i)	Per OC-48, 4 fiber	650.00	3,200.00	2,650.00	2,430.00	2,100.00	SHNCK	
(j)	Per 28 DS1 Channel System (DS3)	140.00	700.00	600.00	550.00	525.00	SHNW8	
(k)	Per 28 DS1 Channel System (STS-1)	140.00	750.00	550.00	500.00	450.00	SHNCS	
(l)	Per DS1 on 28 DS1 Channel System (DS3)	140.00	18.00	12.00	9.00	8.00	SHNCA	
(m)	Per DS1 on 28 DS1 Channel System (STS-1)	155.00	40.00	35.00	30.00	25.00	SHNCG	
(n)	Per DS1 within an STS-1 Asymmetrical Arrangement	360.00	25.00	22.00	20.00	18.00	SHNCH	
(o)	Per DS3 (Asymmetrical with DS1)	400.00	550.00	450.00	400.00	350.00	SHNCT	
(p)	Per 1000 Mbps ***(21 STS-1)***	400.00	740.00	520.00	475.00	425.00	SHNCW	(C)
(q)	Per 1000 Mbps (24 STS-1)	400.00	740.00	520.00	475.00	425.00	SHNDW	(N)
(***r***)	Per 10 Mbps	450.00	500.00	175.00	155.00	140.00	SHNCM	(T)
(***s***)	Per 100 Mbps (3 STS-1)	450.00	540.00	210.00	190.00	170.00	SHNCN	(T)

(M)

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

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

8. Central Office Channel Interface (per Node) (N)

		Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(*t*)	Per Fractional 1000 Mbps							(M)(T)
	- 50 Mbps	*$*450.00	*$*520.00	*$*190.00	*$*170.00	*$*150.00	SHNCO	(M)(T)
	- 150 Mbps	450.00	560.00	230.00	210.00	190.00	SHNCP	(M)
	- 300 Mbps	450.00	600.00	300.00	280.00	260.00	SHNCR	(M)
	- 450 Mbps	450.00	640.00	340.00	310.00	290.00	SHNCU	(M)
	- 600 Mbps	450.00	700.00	380.00	340.00	320.00	SHNCV	(M)
(*u*)	Per Flex DS1	250.00	40.00	30.00	25.00	20.00	SHNCQ	(M)(T)
(*v*)	Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	500.00	175.00	155.00	140.00	SHNOJ	(M)(T)
(*w*)	Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	SHNCX	(M)(T)
(*x*)	Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	SHNC5	(M)(T)
(y)	Per Fractional 1000 Mbps Metro Ethernet Backbone							(N)
	- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	SHND5	(N)
	- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	SHND6	(N)
	- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	SHND7	(N)
	- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	SHND8	(N)

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