

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.
SOUTH CAROLINA

ISSUED: November 2, 2000
BY: Vice President
Durham, North Carolina

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16. ADVANCED COMMUNICATIONS NETWORKS

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(X) Limited to existing customers as of May 1, 2003

(N)

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GTE SOUTH INCORPORATED
SOUTH CAROLINA

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Durham, North Carolina

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16. ADVANCED COMMUNICATIONS NETWORKS

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16. ADVANCED COMMUNICATIONS NETWORKS

16.1 General

Effective May 1, 2003, Frame Relay Service, as provided in this tariff, Verizon South Inc. South Carolina, Facilities for Intrastate Access, is no longer available to new customers. Existing TPP/OPP customers may continue their service until their TPP/OPP expires or their service is disconnected, whichever occurs first. Existing month-to-month customers may continue their service until (5 years from the TED) or until their service is disconnected, whichever occurs first. Moves, additions, or changes will not be permitted. (N)

The regulations pertaining to Frame Relay Service are specified in Section 10.3 of Verizon South Inc. South Carolina, General Customer Services Tariff. (C)

16.2 Frame Relay Service

(A) Service Description

Frame Relay Service (FRS) is a "fast packet" network service that permits the transmission of data at speeds of 56 Kbps, 384 Kbps or 1.544 Mbps using Permanent Virtual Circuits (PVCs).

PVCs are logical circuits that define a specific path for data sent by the customer to another location. These circuits are virtual because they are established in software tables and do not tie up capacity when not in use. This also allows multiple PVCs to be defined over a single access line, thereby providing a single access line the capability to transmit data to multiple destinations.

In operation of Frame Relay Service, customer premises equipment, such as routers, encapsulate arriving data into variable length frames. These frames contain information identifying which PVC in the network should be used to forward the frame to the proper destination. The customer premises equipment then sends the frame into the Frame Relay network. The Frame Relay switch reads identifying information and routes the frame to the proper destination based on a pre-established PVC.

The statistical multiplexing Frame Relay switches are able to provide shared network resources to end users of this service.

Frame Relay Service conforms to ITU-T (Telecommunication Standardization Bureau of the International Telecommunication Union), formerly Consultative Committee for International Telegraph and Telephone (CCITT) and American National Standards Institute (ANSI) standards. (X)

(X) Limited to existing customers as of May 1, 2003

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16.1 General

This section contains the rules and regulations pertaining to the provision of Frame Relay Service. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this tariff.

16.2 Frame Relay Service

(A) Service Description

Frame Relay Service (FRS) is a "fast packet" network service that permits the transmission of data at speeds of 56 Kbps, 384 Kbps or 1.544 Mbps using Permanent Virtual Circuits (PVCs).

PVCs are logical circuits that define a specific path for data sent by the customer to another location. These circuits are virtual because they are established in software tables and do not tie up capacity when not in use. This also allows multiple PVCs to be defined over a single access line, thereby providing a single access line the capability to transmit data to multiple destinations.

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The statistical multiplexing Frame Relay switches are able to provide shared network resources to end users of this service.

Frame Relay Service conforms to Consultative Committee for International Telegraph and Telephone (CCITT) and American National Standards Institute (ANSI) publications T1.602, T1.606, T1.617 and T1.618.

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The statistical multiplexing Frame Relay switches are able to provide shared network resources to end users of this service.

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16.2 Frame Relay Service (Continued)

(X)

(B) Service Provisioning

Frame Relay is a transport service that facilitates the exchange of variable length information units (frames) between end user connections by way of assigned virtual connections. Each frame is passed to the Frame Relay network with an address that specifies the virtual connection.

Variable frame length capability is useful in communications between asynchronous Local Area Networks (LANs) and for transport of synchronous data traffic. Frame Relay is capable of handling the requirements of bursty data sources because of the ability of the service to allocate additional bandwidth when not in use by other sources.

Frame Relay is provided to the customer in the form of the Frame Relay User-to-Network Interface (UNI) Port with Access Line, Frame Relay Network-to-Network (NNI) Port Only, and Permanent Virtual Circuits. The Frame Relay Access Line forms the component which provides the customer access to the customer's serving wire center and interoffice transport from the customer's serving wire center to the Frame Relay Switch. The Frame Relay Access line is provided for use only with Frame Relay Service. The Frame Relay NNI Port Only is provided for digital special access line connections to the network supporting Frame Relay Service. Digital special access lines are available from Section 5.

PVCs are provisioned on either 56 Kbps, 384 Kbps or 1.544 Mbps ports, depending upon the customer's networking requirements. The actual throughput of aggregated PVC bandwidths in use at the same time on the same port cannot exceed the port speed. Since all PVCs need not be in use at the same time, it is possible for the total bandwidth of all PVCs associated with one Frame Relay Access Line to exceed the bandwidth of that Frame Relay Access Line. This relationship is referred to as over-subscription and when this occurs, there can be no guarantee that the bandwidth defined for that PVC will be available at any point in time.

(X)

(X) Limited to existing customers as of May 1, 2003

(N)

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16.2 Frame Relay Service (Continued)

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Variable frame length capability is useful in communications between asynchronous Local Area Networks (LANs) and for transport of synchronous data traffic. Frame Relay is capable of handling the requirements of bursty data sources because of the ability of the service to allocate additional bandwidth when not in use by other sources.

Frame Relay is provided to the customer in the form of the Frame Relay User-to-Network Interface (UNI) Port with Access Line, Frame Relay Network-to-Network (NNI) Port Only, and Permanent Virtual Circuits. The Frame Relay Access Line forms the component which provides the customer access to the customer's serving wire center and interoffice transport from the customer's serving wire center to the Frame Relay Switch. The Frame Relay Access line is provided for use only with Frame Relay Service. The Frame Relay NNI Port Only is provided for digital special access line connections to the network supporting Frame Relay Service. Digital special access lines are available from Section 5.

PVCs are provisioned on either 56 Kbps, 384 Kbps or 1.544 Mbps ports, depending upon the customer's networking requirements. The actual throughput of aggregated PVC bandwidths in use at the same time on the same port cannot exceed the port speed. Since all PVCs need not be in use at the same time, it is possible for the total bandwidth of all PVCs associated with one Frame Relay Access Line to exceed the bandwidth of that Frame Relay Access Line. This relationship is referred to as over-subscription and when this occurs, there can be no guarantee that the bandwidth defined for that PVC will be available at any point in time.

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Frame Relay is provided to the customer in the form of the Frame Relay User-to-Network Interface (UNI) Port with Access Line, Frame Relay Network-to-Network (NNI) Port Only, and Permanent Virtual Circuits. The Frame Relay Access Line forms the component which provides the customer access to the customer's serving wire center and interoffice transport from the customer's serving wire center to the Frame Relay Switch. The Frame Relay Access line is provided for use only with Frame Relay Service. The Frame Relay NNI Port Only is provided for digital special access line connections to the network supporting Frame Relay Service. Digital special access lines are available from Section 5.

PVCs are provisioned on either 56 Kbps, 384 Kbps or 1.544 Mbps ports, depending upon the customer's networking requirements. The actual throughput of aggregated PVC bandwidths in use at the same time on the same port cannot exceed the port speed. Since all PVCs need not be in use at the same time, it is possible for the total bandwidth of all PVCs associated with one Frame Relay Access Line to exceed the bandwidth of that Frame Relay Access Line. This relationship is referred to as over-subscription and when this occurs, there can be no guarantee that the bandwidth defined for that PVC will be available at any point in time.

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16.2 Frame Relay Service (Continued)

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(B) Service Provisioning (Continued)

No PVC can have a greater bit rate than the bit rate of the associated access line.

A PVC must be associated with at least one Frame Relay Port. A Frame Relay Port can be associated with multiple PVCs.

A customer subscribing to a FRS port or port with access line will be referred to as the Controller of the Frame Relay Port. A customer may request data transmission capability to another customer. Both customers must have a Frame Relay Access Line and Frame Relay Port. The Controller of each Frame Relay Access Line must have written permission from the Controller(s) of each of the Frame Relay Access Lines to which a PVC is requested.

The Frame Relay Port and PVC may be ordered and billed independently and can have different customers as Controllers.

The Telephone Company does not undertake to originate data, but offers the use of its service components, where available, to customers for the purpose of transporting customer-originated data.

Frame Relay Service is available where facilities and conditions permit.

(C) Obligations of the Telephone Company

In addition to the general conditions described in Section 2, when a customer orders a PVC which is relayed to other Local Exchange Carriers, Interexchange Carriers or other Frame Relay networks, the Telephone Company will provide assistance in establishing this PVC.

The Telephone Company has the service responsibility up to and including the network interface.

(X)

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16.2 Frame Relay Service (Continued)

(B) Service Provisioning (Continued)

No PVC can have a greater bit rate than the bit rate of the associated access line.

A PVC must be associated with at least one Frame Relay Port. A Frame Relay Port can be associated with multiple PVCs.

A customer subscribing to a FRS port or port with access line will be referred to as the Controller of the Frame Relay Port. A customer may request data transmission capability to another customer. Both customers must have a Frame Relay Access Line and Frame Relay Port. The Controller of each Frame Relay Access Line must have written permission from the Controller(s) of each of the Frame Relay Access Lines to which a PVC is requested.

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16.2 Frame Relay Service (Continued)

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(B) Service Provisioning (Continued)

No PVC can have a greater bit rate than the bit rate of the associated access line.

A PVC must be associated with at least one Frame Relay Port. A Frame Relay Port can be associated with multiple PVCs.

A customer subscribing to a FRS port or port with access line will be referred to as the Controller of the Frame Relay Port. A customer may request data transmission capability to another customer. Both customers must have a Frame Relay Access Line and Frame Relay Port. The Controller of each Frame Relay Access Line must have written permission from the Controller(s) of each of the Frame Relay Access Lines to which a PVC is requested.

The Frame Relay Port and PVC may be ordered and billed independently and can have different customers as Controllers.

The Telephone Company does not undertake to originate data, but offers the use of its service components, where available, to customers for the purpose of transporting customer-originated data.

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16.2 Frame Relay Service (Continued)

(X)

(D) Obligations of the Customer

In addition to the general conditions described in Section 2:

- The customer's Frame Relay terminal equipment has the responsibility for retransmitting frames which are discarded due to errors or network congestion.
- The customer, upon request, shall furnish such information as may be required to permit the Company to design and maintain the Frame Relay Service it offers and to assure that the service arrangement is in compliance with the regulations contained herein.
- It shall be the responsibility of the customer to ensure the continuing compatibility of the Customer-Provided Equipment (CPE) that is used in conjunction with the Frame Relay Service. The CPE shall be in compliance with FCC rules and regulations.
- The customer shall be responsible for obtaining permission for the Company's agents or employees to enter the premises of the customer or its users at any reasonable hour for the purpose of installing, inspecting, repairing, or, upon termination of the service, removing the service components of the Company.

(E) Rate Regulations

(1) Minimum Period

The minimum period for Frame Relay Service is one month, except when provided under a Term Payment Plan (TPP) arrangement. The regulations applicable to Frame Relay Service provided under a TPP arrangement are specified under 16.2(E)(4).

When PVCs are added to existing Frame Relay Service, the minimum period for the added PVCs is one month.

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16.2 Frame Relay Service (Continued)

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(E) Rate Regulations (Continued)

(2) Rate Elements

(a) Frame Relay UNI Port and Access Line

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56 Kbps, 384 Kbps, or 1.544 Mbps), apply per port for each physical connection to the network supporting Frame Relay Service. Each port includes one PVC, and can accommodate multiple PVCs.

(b) Frame Relay NNI Port only

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 384 Kbps or 1.544 Mbps), apply per port for each Frame Relay Access Line or digital private line connection to the network supporting Frame Relay Service. Each port includes one PVC, and can accommodate multiple PVCs.

(c) Frame Relay PVC

A nonrecurring charge and a monthly rate apply for each PVC.

(3) Rate Application

The Company may setup access arrangements, on behalf of the customer. Access facilities arranged by the Company will be billed at the rates provided by the underlying carrier. Any special construction or non-standard charges assessed by the carrier supplying the local access will also be the responsibility of the customer. If the customer utilizes a special access line to access FRS, the associated regulations, rates and charges for such facilities shall apply in addition to the rates and charges associated with the FRS rate elements.

(X)

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(E) Rate Regulations (Continued)

(2) Rate Elements

(a) Frame Relay UNI Port and Access Line

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56 Kbps, 384 Kbps, or 1.544 Mbps), apply per port for each physical connection to the network supporting Frame Relay Service. Each port includes one PVC, and can accommodate multiple PVCs.

(b) Frame Relay NNI Port only

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 384 Kbps or 1.544 Mbps), apply per port for each Frame Relay Access Line or digital private line connection to the network supporting Frame Relay Service. Each port includes one PVC, and can accommodate multiple PVCs.

(c) Frame Relay PVC

A nonrecurring charge and a monthly rate apply for each PVC.

(3) Rate Application

A customer may access Frame Relay Service via a Frame Relay Access Line or via Telephone Company provided digital access facilities offered under Section 5. If a customer utilizes a special access line to access FRS, the associated regulations, rates and charges for such facilities shall apply in addition to the rates and charges associated with the FRS rate elements.

A customer utilizing special access facilities to access FRS would incur the monthly rate and nonrecurring charge associated with the Frame Relay NNI Port Only charge set forth under 16.2(F)(1)(b) for standard arrangements. The NNI Port provides for a carrier-to-carrier connection.

(N)

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The Company may setup access arrangements, on behalf of the customer. Access facilities arranged by the Company will be billed at the rates provided by the underlying carrier. Any special construction or non-standard charges assessed by the carrier supplying the local access will also be the responsibility of the customer. If the customer utilizes a special access line to access FRS, the associated regulations, rates and charges for such facilities shall apply in addition to the rates and charges associated with the FRS rate elements..

(N)

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.
SOUTH CAROLINA

ISSUED: April 18, 2003
BY: Vice President
Durham, North Carolina

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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(X)

(E) Rate Regulations (Continued)

(3) Rate Application (Continued)

When a customer orders additional PVCs or changes PVC assignments on a Frame Relay port after the initial port installation, the Frame Relay PVC nonrecurring charge shall apply per PVC added or changed.

The Frame Relay Access Line and PVC may be ordered and billed independently and can have different Controllers, as discussed under 16.2 (B). A request by one customer to discontinue a PVC does not result in the disconnection of the Frame Relay Access Line and Port. Only the Controller of a Frame Relay Access Line may authorize a disconnect of that line.

(4) Term Payment Plan (TPP)

(a) General

- (1) The terms and conditions specified herein are applicable to Frame Relay Service and are in addition to other regulations as specified in this tariff.
- (2) The Frame Relay UNI Port with Access Line, the Frame Relay NNI Port Only, and PVC rate elements are available under a TPP. Digital special access lines and additional features are available at their tarified rates and regulations.
- (3) Frame Relay TPP rates will not be greater than standard month-to-month Frame Relay rates, for the same rate elements.
- (4) Three year and five year TPP rates will be equal to or less than the one year TPP rates. Decreases to the one year TPP rates will flow through to the three year and five year TPP rates.

(X)

(X) Limited to existing customers as of May 1, 2003

(N)

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.
SOUTH CAROLINA

ISSUED: November 2, 2000
BY: Vice President
Durham, North Carolina

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16. ADVANCED COMMUNICATIONS NETWORKS

(D)

(D)

FACILITIES FOR INTRASTATE ACCESS

GTE SOUTH INCORPORATED
SOUTH CAROLINA

ISSUED: February 9, 1996
BY: Vice President
Durham, North Carolina

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16. ADVANCED COMMUNICATIONS NETWORKS

(N)

16.2 Frame Relay Service (Continued)

(E) Rate Regulations (Continued)

(3) Rate Application (Continued)

When a customer orders additional PVCs or changes PVC assignments on a Frame Relay port after the initial port installation, the Frame Relay PVC nonrecurring charge shall apply per PVC added or changed.

The Frame Relay Access Line and PVC may be ordered and billed independently and can have different Controllers, as discussed under 16.2 (B). A request by one customer to discontinue a PVC does not result in the disconnection of the Frame Relay Access Line and Port. Only the Controller of a Frame Relay Access Line may authorize a disconnect of that line.

(4) Term Payment Plan (TPP)

(a) General

- (1) The terms and conditions specified herein are applicable to Frame Relay Service and are in addition to other regulations as specified in this tariff.
- (2) The Frame Relay UNI Port with Access Line, the Frame Relay NNI Port Only, and PVC rate elements are available under a TPP. Digital special access lines and additional features are available at their tariffed rates and regulations.
- (3) Frame Relay TPP rates will not be greater than standard month-to-month Frame Relay rates, for the same rate elements.
- (4) Three year and five year TPP rates will be equal to or less than the one year TPP rates. Decreases to the one year TPP rates will flow through to the three year and five year TPP rates.

(N)

FACILITIES FOR INTRASTATE ACCESS

**VERIZON SOUTH INC.
SOUTH CAROLINA**

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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(N)

(E) Rate Regulations (Continued)

(3) Rate Application (Continued)

When a customer orders additional PVCs or changes PVC assignments on a Frame Relay port after the initial port installation, the Frame Relay PVC nonrecurring charge shall apply per PVC added or changed.

The Frame Relay Access Line and PVC may be ordered and billed independently and can have different Controllers, as discussed under 16.2 (B). A request by one customer to discontinue a PVC does not result in the disconnection of the Frame Relay Access Line and Port. Only the Controller of a Frame Relay Access Line may authorize a disconnect of that line.

(4) Term Payment Plan (TPP)

(a) General

- (1) The terms and conditions specified herein are applicable to Frame Relay Service and are in addition to other regulations as specified in this tariff.
- (2) The Frame Relay UNI Port with Access Line, the Frame Relay NNI Port Only, and PVC rate elements are available under a TPP. Digital special access lines and additional features are available at their tariffed rates and regulations.
- (3) Frame Relay TPP rates will not be greater than standard month-to-month Frame Relay rates, for the same rate elements.
- (4) Three year and five year TPP rates will be equal to or less than the one year TPP rates. Decreases to the one year TPP rates will flow through to the three year and five year TPP rates.

(N)

FACILITIES FOR INTRASTATE ACCESS

**VERIZON SOUTH INC.
SOUTH CAROLINA**

**ISSUED: April 18, 2003
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Durham, North Carolina**

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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(X)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(a) General (Continued)

- (5) Payment periods of one year, three year, and five year are available to all customers at the applicable rates set forth in 16.2(F)(2) regardless of when they subscribe to a TPP arrangement.
- (6) The customer must designate on the Service Request the payment period for the TPP.
- (7) Inside moves, provided in accordance with Section 5.6.4(A), will not incur termination liability charges.
- (8) Outside moves, provided in accordance with Section 5.6.4(B), will allow the customer to retain the same TPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.
- (9) The threshold quantity is 300 DS0 equivalent ports, in service no later than 12 months from the date the TPP was initiated. These may include UNI and NNI ports. DS0 equivalents are measured as follows:

56 Kbps FRS is equivalent to (1) one DS0 unit.

384 Kbps FRS is equivalent to (6) six DS0 units

1.544 Mbps FRS is equivalent to (24) twenty-four DS0 units.

The threshold quantity is to be maintained for the length of the term selected.

(X)

(X) Limited to existing customers as of May 1, 2003

(N)

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.

SOUTH CAROLINA

ISSUED: November 2, 2000

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Durham, North Carolina

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16. ADVANCED COMMUNICATIONS NETWORKS

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FACILITIES FOR INTRASTATE ACCESS

GTE SOUTH INCORPORATED
SOUTH CAROLINA

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16. ADVANCED COMMUNICATIONS NETWORKS

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16.2 Frame Relay Service (Continued)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(a) General (Continued)

- (5) Payment periods of one year, three year, and five year are available to all customers at the applicable rates set forth in 16.2(F)(2) regardless of when they subscribe to a TPP arrangement.
- (6) The customer must designate on the ASR the payment period for the TPP.
- (7) Inside moves, provided in accordance with Section 5.6.4(A), will not incur termination liability charges.
- (8) Outside moves, provided in accordance with Section 5.6.4(B), will allow the customer to retain the same TPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.
- (9) The threshold quantity is 300 DS0 equivalent ports, in service no later than 12 months from the date the TPP was initiated. These may include UNI and NNI ports. DS0 equivalents are measured as follows:

56 Kbps FRS is equivalent to (1) one DS0 unit.

384 Kbps FRS is equivalent to (6) six DS0 units

1.544 Mbps FRS is equivalent to (24) twenty-four DS0 units.

The threshold quantity is to be maintained for the length of the term selected.

(N)

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.
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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(N)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(a) General (Continued)

- (5) Payment periods of one year, three year, and five year are available to all customers at the applicable rates set forth in 16.2(F)(2) regardless of when they subscribe to a TPP arrangement.
- (6) The customer must designate on the Service Request the payment period for the TPP.
- (7) Inside moves, provided in accordance with Section 5.6.4(A), will not incur termination liability charges.
- (8) Outside moves, provided in accordance with Section 5.6.4(B), will allow the customer to retain the same TPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.
- (9) The threshold quantity is 300 DS0 equivalent ports, in service no later than 12 months from the date the TPP was initiated. These may include UNI and NNI ports. DS0 equivalents are measured as follows:

56 Kbps FRS is equivalent to (1) one DS0 unit.

384 Kbps FRS is equivalent to (6) six DS0 units

1.544 Mbps FRS is equivalent to (24) twenty-four DS0 units.

The threshold quantity is to be maintained for the length of the term selected.

(N)

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.
SOUTH CAROLINA

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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(X)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(a) General (Continued)

- (10) Each customer's TPP will be reviewed annually. If the total quantity in service does not meet the threshold quantity, a payment equal to the difference between the discounted amount paid and the month-to-month amount that would have been charged for services not under a TPP arrangement will be assessed, plus a 10% penalty. The charges will be calculated using the in service quantity at the time of review.

The customer may choose to increase the DS0 equivalents within 30 days to the threshold quantity and continue under the TPP arrangement or choose to be billed on a going forward basis at the month-to-month rates.

If, after 30 days, the threshold level is not met, the TPP will automatically be changed to a standard month-to-month arrangement and termination liability will apply.

(b) Changes in Length of TPP Period

Prior to the completion of the selected TPP period, the customer may elect to convert to a new TPP period of the same or different length, subject to the following conditions:

- No credit toward the new payment period will be given for payments made under the original TPP arrangement.
- Nonrecurring charges will not be reapplied for existing service(s).
- If the new TPP period is shorter in length than the time remaining under the existing TPP, the change to the new TPP period constitutes a discontinuance of the existing TPP service and termination liability charges apply.

(X)

(X) Limited to existing customers as of May 1, 2003

(N)

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.
SOUTH CAROLINA

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Durham, North Carolina

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16. ADVANCED COMMUNICATIONS NETWORKS

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FACILITIES FOR INTRASTATE ACCESS

GTE SOUTH INCORPORATED
SOUTH CAROLINA

ISSUED: February 9, 1996
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16. ADVANCED COMMUNICATIONS NETWORKS

(N)

16.2 Frame Relay Service (Continued)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(a) General (Continued)

- (10) Each customer's TPP will be reviewed annually. If the total quantity in service does not meet the threshold quantity, a payment equal to the difference between the discounted amount paid and the month-to-month amount that would have been charged for services not under a TPP arrangement will be assessed, plus a 10% penalty. The charges will be calculated using the in service quantity at the time of review.

The customer may choose to increase the DS0 equivalents within 30 days to the threshold quantity and continue under the TPP arrangement or choose to be billed on a going forward basis at the month-to-month rates.

If, after 30 days, the threshold level is not met, the TPP will automatically be changed to a standard month-to-month arrangement. Termination liability will apply.

(b) Changes in Length of TPP Period

Prior to the completion of the selected TPP period, the customer may elect to convert to a new TPP period of the same or different length, subject to the following conditions:

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- Nonrecurring charges will not be reapplied for existing service(s).

(N)

FACILITIES FOR INTRASTATE ACCESS

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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(N)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(a) General (Continued)

- (10) Each customer's TPP will be reviewed annually. If the total quantity in service does not meet the threshold quantity, a payment equal to the difference between the discounted amount paid and the month-to-month amount that would have been charged for services not under a TPP arrangement will be assessed, plus a 10% penalty. The charges will be calculated using the in service quantity at the time of review.

The customer may choose to increase the DS0 equivalents within 30 days to the threshold quantity and continue under the TPP arrangement or choose to be billed on a going forward basis at the month-to-month rates.

If, after 30 days, the threshold level is not met, the TPP will automatically be changed to a standard month-to-month arrangement and termination liability will apply.

(b) Changes in Length of TPP Period

Prior to the completion of the selected TPP period, the customer may elect to convert to a new TPP period of the same or different length, subject to the following conditions:

- No credit toward the new payment period will be given for payments made under the original TPP arrangement.
- Nonrecurring charges will not be reapplied for existing service(s).
- If the new TPP period is shorter in length than the time remaining under the existing TPP, the change to the new TPP period constitutes a discontinuance of the existing TPP service and termination liability charges apply.

(N)

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.
SOUTH CAROLINA

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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(X)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(c) Renewal Options

- (1) At the expiration of a TPP period, the Telephone Company will automatically renew the service at the same TPP period unless the customer chooses to convert to a different TPP period, convert to month-to-month rates or discontinue service.
- (2) Conversion to a different TPP period will require the customer to submit a change order Service Request. Conversion of existing TPP service to a different TPP period will be allowed without application of any nonrecurring or ordering charges.
- (3) Conversion to month-to-month rates will be treated as a disconnect of service and establishment of new service. However, if no other changes are ordered, no charge will apply.

(d) Notification of Discontinuance

A Service Request for discontinuance of a TPP arrangement must be received by the Company at least thirty (30) days prior to actual disconnect of service. Monthly charges will apply for a period of thirty (30) days from the date the Company receives disconnect notification or until the requested disconnect date, whichever period is longer.

(X)

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.
SOUTH CAROLINA

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16. ADVANCED COMMUNICATIONS NETWORKS

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FACILITIES FOR INTRASTATE ACCESS

GTE SOUTH INCORPORATED
SOUTH CAROLINA

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BY: Vice President
Durham, North Carolina

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16. ADVANCED COMMUNICATIONS NETWORKS

(N)

16.2 Frame Relay Service (Continued)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(b) Changes in Length of TPP Period (Continued)

- If the new TPP period is shorter in length than the time remaining under the existing TPP, the change to the new TPP period constitutes a discontinuance of the existing TPP service and termination liability charges apply.

(c) Renewal Options

- (1) At the expiration of a TPP period, the Telephone Company will automatically renew the service at the same TPP period unless the customer chooses to convert to a different TPP period, convert to month-to-month rates or discontinue service.
- (2) Conversion to a different TPP period will require the customer to submit a change order ASR. Conversion of existing TPP service to a different TPP period will be allowed without application of any nonrecurring or ordering charges.
- (3) Conversion to month-to-month rates will be treated as a disconnect of service and establishment of new service. However, if no other changes are ordered, no charge will apply.

(d) Notification of Discontinuance

An ASR for discontinuance of a TPP arrangement must be received by the Telephone Company at least thirty (30) days prior to actual disconnect of service. Monthly charges will apply for a period of thirty (30) days from the date the Telephone Company receives disconnect notification or until the requested disconnect date, whichever period is longer.

(N)

FACILITIES FOR INTRASTATE ACCESS

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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(N)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(c) Renewal Options

- (1) At the expiration of a TPP period, the Telephone Company will automatically renew the service at the same TPP period unless the customer chooses to convert to a different TPP period, convert to month-to-month rates or discontinue service.
- (2) Conversion to a different TPP period will require the customer to submit a change order Service Request. Conversion of existing TPP service to a different TPP period will be allowed without application of any nonrecurring or ordering charges.
- (3) Conversion to month-to-month rates will be treated as a disconnect of service and establishment of new service. However, if no other changes are ordered, no charge will apply.

(d) Notification of Discontinuance

A Service Request for discontinuance of a TPP arrangement must be received by the Company at least thirty (30) days prior to actual disconnect of service. Monthly charges will apply for a period of thirty (30) days from the date the Company receives disconnect notification or until the requested disconnect date, whichever period is longer.

(N)

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VERIZON SOUTH INC.
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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(X)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(e) Upgrade to Higher Speed Service

Customers may elect to upgrade service(s) to a higher speed during a TPP period, subject to the following conditions:

- The upgraded service will be subject to all appropriate nonrecurring charges.
- Termination liability charges will not apply as long as the upgraded service remains connected at the same point of termination(s).

(f) Termination Liability

When a TPP arrangement is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the TPP period in effect at the time of disconnect.

One Year TPP - 50% of any remaining portion of the first year's recurring charges for the in service quantity.

Three Year TPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

Five Year TPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second through fifth years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

(g) Termination Without Liability

During a TPP period, should the currently effective rate for a customer's service increase, the customer may, at his/her option, terminate the TPP arrangement without penalty or liability.

(X)

(X) Limited to existing customers as of May 1, 2003

(N)

FACILITIES FOR INTRASTATE ACCESS

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16. ADVANCED COMMUNICATIONS NETWORKS

(N)

16.2 Frame Relay Service (Continued)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(e) Upgrade to Higher Speed Service

Customers may elect to upgrade service(s) to a higher speed during a TPP period, subject to the following conditions:

- The upgraded service will be subject to all appropriate nonrecurring charges.
- Termination liability charges will not apply as long as the upgraded service remains connected at the same point of termination(s).

(f) Termination Liability

When a TPP arrangement is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the TPP period in effect at the time of disconnect.

One Year TPP - 50% of any remaining portion of the first year's recurring charges for the in service quantity.

Three Year TPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

Five Year TPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second through fifth years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

(N)

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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(N)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(e) Upgrade to Higher Speed Service

Customers may elect to upgrade service(s) to a higher speed during a TPP period, subject to the following conditions:

- The upgraded service will be subject to all appropriate nonrecurring charges.
- Termination liability charges will not apply as long as the upgraded service remains connected at the same point of termination(s).

(f) Termination Liability

When a TPP arrangement is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the TPP period in effect at the time of disconnect.

One Year TPP - 50% of any remaining portion of the first year's recurring charges for the in service quantity.

Three Year TPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

Five Year TPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second through fifth years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

(g) Termination Without Liability

During a TPP period, should the currently effective rate for a customer's service increase, the customer may, at his/her option, terminate the TPP arrangement without penalty or liability.

(N)

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VERIZON SOUTH INC.

SOUTH CAROLINA

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16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(X)

(F) Rates and Charges

		<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
(1)	Frame Relay with Port and Access, each		
(a)	56 Kbps		
	Month-to-Month	\$ 295.00	\$ 110.00
	One Year	295.00	105.00
	Three Years	295.00	95.00
	Five Years	295.00	85.00
(b)	384 Kbps		
	Month-to-Month	395.00	365.00
	One Year	395.00	345.00
	Three Years	395.00	335.00
	Five Years	395.00	320.00
(c)	1.544 Mbps		
	Month-to-Month	595.00	530.00
	One Year	595.00	510.00
	Three Years	595.00	490.00
	Five Years	595.00	470.00
(2)	Frame Relay with Port Only, each		
(a)	384 Kbps		
	Month-to-Month	\$295.00	78.00
	One Year	295.00	75.00
	Three Years	295.00	72.00
	Five Years	295.00	69.00
(b)	1.544 Mbps		
	Month-to-Month	295.00	180.00
	One Year	295.00	170.00
	Three Years	295.00	160.00
	Five Years	295.00	150.00
(3)	Additional Frame Relay Permanent Virtual Connections (PVCs), per PVC		
	Month-to-Month	20.00	8.00
	One Year	20.00	7.00
	Three Years	20.00	6.00
	Five Years	20.00	5.00
(4)	Miscellaneous Charges		
	Initial Ordering Charge	69.92	--
	Subsequent Ordering Charge	68.84	--

(X)

(X) Limited to existing customers as of May 1, 2003

(N)

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.

SOUTH CAROLINA

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16. ADVANCED COMMUNICATIONS NETWORKS

(D)

(D)

FACILITIES FOR INTRASTATE ACCESS

**GTE SOUTH INCORPORATED
SOUTH CAROLINA**

**ISSUED: February 9, 1996
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Durham, North Carolina**

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16. ADVANCED COMMUNICATIONS NETWORKS

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16.2 Frame Relay Service (Continued)

(E) Rate Regulations (Continued)

(4) Term Payment Plan (TPP) (Continued)

(g) Termination Without Liability

During a TPP period, should the currently effective rate for a customer's service increase, the customer may, at his/her option, terminate the TPP arrangement without penalty or liability.

(F) Rates and Charges

		<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
(1)	Frame Relay with Port and Access, each			
(a)	56 Kbps			
	Month-to-Month	\$ 295.00	\$ 110.00	FP8
	One Year	295.00	105.00	
	Three Years	295.00	95.00	
	Five Years	295.00	85.00	
(b)	384 Kbps			
	Month-to-Month	395.00	365.00	FP8
	One Year	395.00	345.00	
	Three Years	395.00	335.00	
	Five Years	395.00	320.00	
(c)	1.544 Mbps			
	Month-to-Month	595.00	530.00	FP8
	One Year	595.00	510.00	
	Three Years	595.00	490.00	
	Five Years	595.00	470.00	
(2)	Frame Relay with Port Only, each			
(a)	384 Kbps			
	Month-to-Month	\$295.00	78.00	FP9
	One Year	295.00	75.00	
	Three Years	295.00	72.00	
	Five Years	295.00	69.00	
(b)	1.544 Mbps			
	Month-to-Month	295.00	180.00	FP9
	One Year	295.00	170.00	
	Three Years	295.00	160.00	
	Five Years	295.00	150.00	
(3)	Additional Frame Relay Permanent Virtual Connections (PVCs), per PVC			
	Month-to-Month	20.00	8.00	L8GXX
	One Year	20.00	7.00	
	Three Years	20.00	6.00	
	Five Years	20.00	5.00	

(N)

FACILITIES FOR INTRASTATE ACCESS

VERIZON SOUTH INC.
SOUTH CAROLINA

ISSUED: November 13, 2001
BY: Vice President
Durham, North Carolina

TARIFF A
Original Page 11
EFFECTIVE: December 1, 2001

16. ADVANCED COMMUNICATIONS NETWORKS

16.2 Frame Relay Service (Continued)

(N)

(F) Rates and Charges

		<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
(1)	Frame Relay with Port and Access, each		
(a)	56 Kbps		
	Month-to-Month	\$ 295.00	\$ 110.00
	One Year	295.00	105.00
	Three Years	295.00	95.00
	Five Years	295.00	85.00
(b)	384 Kbps		
	Month-to-Month	395.00	365.00
	One Year	395.00	345.00
	Three Years	395.00	335.00
	Five Years	395.00	320.00
(c)	1.544 Mbps		
	Month-to-Month	595.00	530.00
	One Year	595.00	510.00
	Three Years	595.00	490.00
	Five Years	595.00	470.00
(2)	Frame Relay with Port Only, each		
(a)	384 Kbps		
	Month-to-Month	\$295.00	78.00
	One Year	295.00	75.00
	Three Years	295.00	72.00
	Five Years	295.00	69.00
(b)	1.544 Mbps		
	Month-to-Month	295.00	180.00
	One Year	295.00	170.00
	Three Years	295.00	160.00
	Five Years	295.00	150.00
(3)	Additional Frame Relay Permanent Virtual Connections (PVCs), per PVC		
	Month-to-Month	20.00	8.00
	One Year	20.00	7.00
	Three Years	20.00	6.00
	Five Years	20.00	5.00
(4)	Miscellaneous Charges		
	Initial Ordering Charge	69.92	--
	Subsequent Ordering Charge	68.84	--

(N)