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December 5, 2005

Ms. Beth W. Salak, Director
Division of Competitive Markets and Enforcement
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Dear Ms. Salak:

Attached are copies of new tariff pages filed as part of the Verizon Florida Inc. Facilities for Intrastate Access Tariff. For impacted tariff sheets see Attachment A.

The purpose of this filing is to extend the current Transparent LAN Service offering by adding new features including UNI ports, ethernet virtual circuits and survivable service to access lines.

If you require additional information, please call Carlton Ball at (813) 483-2529.

Sincerely,
David M. Christian
Assistant Vice President
Regulatory Affairs Florida

DMC:sv
Attachments

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Attachment A

VERIZON FLORIDA INC.

Section 16 Advanced Communications Networks

16. ADVANCED COMMUNICATIONS NETWORKS

16. ADVANCED COMMUNICATIONS NETWORKS

16.1 (D)
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16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS)

(A) Definitions (M)

In addition to the Definitions set forth in General Regulations, Section 2.6, the following definitions apply:

Domain: A Virtual Local Area Network (VLAN) or a collection of circuits that belong to one closed user group.

Megabit Per Second (Mbps): The speed where data is being transferred in the network, where one Megabit Per Second equals to the transfer rate of 1 million bits of data in 1 second.

Nanometers (nm): Wavelength frequency equivalent to 1 billionth of a meter.

(B) Service Description

Transparent LAN Service (TLS) is a high speed data service which uses a shared fiber network to allow for the interconnection of Local Area Networks (LANs) across selected metropolitan areas. TLS delivers an interface of 10 Mbps, 100 Mbps and 1000 Mbps from the Customer's LANs to the shared network.

TLS creates a network with the ability to function as a shared public network. TLS protects data privacy by using specialized screening software that permits subscribers to access only their data. (M)

TLS is available in two service types: Ethernet Multipoint Service (EMS) or Ethernet Relay Service (ERS). The customer must select either (EMS) or (ERS) as the service type for each domain. (N)

(1) Ethernet Multipoint Service

Ethernet Multipoint Service (EMS) is a connection-less Ethernet TLS service that allows connectivity among multiple customer designated locations within a LATA.

With the EMS service type, Ethernet TLS protects data privacy by using closed user groups (CUGs), also known as virtual LANs. CUGs or virtual LANs are used to provide traffic separation, privacy and security between customers on the shared switch and backbone. An EMS domain is comprised of any number of access lines designated by the customer to be included in a closed user group (CUG) or virtual LAN. EMS provides multipoint-to-multipoint connectivity among all of the customer's access lines within a given domain. TLS may be used to access shared networks. In such cases, subscribers in a CUG can only access their own data.

(2) Ethernet Relay Service

Ethernet Relay Service (ERS) is a connection-oriented Ethernet TLS service that allows for point-to-point connectivity between customer designated locations within a LATA.

With the ERS TLS service type, each Ethernet Virtual Circuit (EVC) establishes a virtual LAN or CUG. An ERS domain is comprised of any number of virtual LANs designated by the customer to be included in the ERS Standard domain. ERS provides point-to-point connectivity between pairs of customer's access lines, Internet virtual circuits and shared network virtual circuits within a given domain.

A customer may have more than one domain within a LATA, but connections between domains are not permitted. TLS may be used to access shared networks. In such cases, subscribers in a CUG can only access their own data. (N)

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16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS)

(B) Service Description (Continued) (N)

(2) Ethernet Relay Service (Continued)

Four EVC service classes are available for use with ERS service type:

(a) ERS Standard (ERS-Std) and ERS Basic(ERS-B): designed for customer applications that do not require a Committed Information Rate (CIR) or low delay, where CIR = 0 and Excess Information Rate (EIR) = # of Mbps of the selected ERS-Std/ERS-B EVC service class.

(b) ERS-Priority Data (ERS-PD): designed for customer applications which do not require low delay, but require a CIR, where CIR = # of Mbps of the selected ERS-PD EVC service class and EIR = # of Mbps of the selected ERS-PD EVC service class.

(c) ERS Real Time (ERS-RT): designed for customer applications which require a CIR and low delay for some portion of their traffic, where CIR = # of Mbps of the selected ERS-RT EVC service class and EIR = 0.

(d) An ERS EVC can include up to three service classes (ERS-B, ERS-PD and ERS-RT) as described above within each EVC. The customer will be required to identify the Basic, PD and RT Class of Service Ethernet frames by one of the following choices: setting the VLAN Class of Service (CoS) ID (for 802.1q tagged Ethernet Frames), or setting the DiffServ Code Point (DSCP) (for tagged or untagged Ethernet frames) or setting the VLAN ID (for tagged or untagged Ethernet frames), appropriately. (N)

(C) Conditions (M)

(1) A TLS network will be limited to central offices in a specific geographic location. Customers gain access to the shared TLS network via a switch, node or other Telephone Company equipment delivering service through a shared fiber path or network infra-structure and deployed in the Customer's serving central office (TLS equipped central office) or deployed in leased space near the Customer's location. At subscription, the Customer has an option of selecting standard access lines at speeds of 10 Mbps, 100 Mbps or 1000 Mbps. (C) (C) (C)

(2) TLS is available to Customers whose serving central office is a TLS equipped central office and is located within the maximum allowable range of the serving central office. The maximum allowable range is determined by the dB loss rate where the actual distance between the TLS equipped serving wire center and the Customer's location will vary based on the specifics of the facility used in each serving arrangement. (C) (C)

(3) If the Customer's serving central office is not a TLS equipped central office, the Customer may obtain service by paying the Interoffice Mileage charge (from the customer's serving central office and the nearest TLS equipped central office) in addition to TLS access charges. The dB loss cannot exceed the maximum allowable range, as specified in regulation above. (C) (C) (C) (M)

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16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLC) Continued)

(C) Conditions (Continued)

(M)

(M1)

(4) Provision of Service (M2)

The TLS service will consist of:

a. Network Interface Device (NID) at the Customer's premises to terminate the fiber pair or other optical transport. (M2)(N)(T) (N)

b. Optical Transport from the Customer's premises to the serving central office. (N)

c. Network Management including fault monitoring and diagnostics, performance and network configuration applications and manual monitoring when necessary. (M2) (T) (M2)

d. User Network Interface (UNI) Port with Access Line Connection (N)

UNI Port with Access Line Connections, which are available at 10 Mbps, 100 Mbps and 1000 Mbps, provide connectivity between the customer premises and the serving wire center. UNI Port with Access Line connections are available as either EMS or ERS. Connectivity can be established only between or among UNI Port with Access Line Connections of the same service type.

e. Ethernet TLS Ethernet Virtual Circuit (EVC), where applicable.

An Ethernet TLS EVC provides point-to-point Ethernet connectivity between two UNIs, between a UNI and a shared network EVC or between a UNI and an Internet VC. Ethernet TLS EVCs are only available with ERS. The ERS Standard Ethernet TLS EVCs are designed for customer applications that do not require bandwidth or delay guarantees. ERS Standard provides no performance guarantees. (N) (D)

f. Interoffice Mileage, where applicable. (M2) (T)

g. Optional Features (N)

Customer Service Management (CSM) (N)

(5) Availability of Service (M3)

TLS will be provided seven days a week, 24 hours a day, from central offices equipped to provide this service. (M2)

ERS service, including Premier Access Lines and ERS-Std, ERS-B, ERS-PD, ERS-RT EVCs, as defined in section (B)(2), will only be available from Central Offices equipped to support ERS service. (N) (N)

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16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLC) Continued)

(C) Conditions (Continued)

(M)

(6) Connections

The network interface is the LAN interface on the TLS equipment at the Customer's premises. The Customer is responsible for any inside wire required in connecting the LAN to the TLS equipment.

The Customer is also responsible for installation, operation and maintenance of any Customer-provided equipment.

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

(7) Limitations

The Customer's location must be within the maximum allowable range of the TLS equipped central office, as defined in (C)(2). (D)

(8) Maintenance Window (M^1)

To meet the Customers' requirements, occasional network upgrades must be performed. These network upgrades are needed to provide improved performance and new features. Generally these upgrades will be performed between the hours of 11 PM and 6 AM. Network upgrades are planned to provide Customers reasonable and timely notification in order to minimize any impact on the Customers' service. (C)

(9) Technical Specifications

The technical specifications for TLS are delineated in IEEE802.3-2000.

(10) Transmission Mode

The transmission mode supported is dependent on the access rate. The supported transmission mode for 10 Mbps access is half-duplex and full duplex. Full duplex 10 Mbps access is available only where conditions and facilities permit. The supported transmission mode for 100 Mbps and 1000 Mbps access is full duplex.

(11) TLS is available where facilities and conditions permit. Special construction charges may apply. (M^1)

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16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (Continued)

(M)

(D) Application of Rates and Charges

(1) The following rate elements are applicable to TLS:

- UNI Port with Access Line Connection (N)
  - Standard Access Line (C)
  - Protected Access Line (N)
  - Premier Access Line
  - EMS
- Ethernet Virtual Circuit (EVC) (N)
- Interoffice Mileage
- Domain/LAN Extension Equipment Changes
- Optional Features
  - Customer Service Management (CSM)

(a) UNI Port and Access Line (N)

1. Standard Access Line (C)

A monthly rate applies on a per line basis, based on the speed of the access connection (i.e., 10, Mbps, 100 Mbps or 1000 Mbps). The Standard Access Line is offered on a month to month basis, or as a three-year or five-year Term Payment Plan. A nonrecurring charge applies to the installation of the TLS Access Line provided on a month-to-month basis.

2. Protected Access Line (available for EMS Service type only) (N)

Protected Access Lines are provisioned as a survivable service with an alternate fiber pair between the central office and the customer premises. Protected Access Line allows the Company to detect and recover a failure and move the customer's data to an alternate fiber pair in approximately one second in most instances. Both fiber pairs must be served by the same central office and must have the same access speed. The second fiber pair will be routed over a diverse fiber path when possible. A monthly rate applies on a per line basis, based on the speed of the access connection (i.e., 100 Mbps, 1000 Mbps). A nonrecurring charge will apply to the installation of a Protected Access Line provided on a month-to-month basis. (N)

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16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (Continued)

(M)
(M[1])

(D) Application of Rates and Charges (Continued)

(1) The following rate elements are applicable to TLS: (Continued)

(a) UNI Port and Access Line (Continued)

3. Premier Access Line (N)

A monthly rate applies on a per-line basis, based on the speed of the access line (i.e., 100 MBPS or 1000 MBPS). A Premier Access Line must be purchased in conjunction with some combination of ERS-B, ERS-PD, and/or ERS-RT EVC service classes, which are described in section B.1. The Premier Access Line is offered on a month-to-month basis or as a 3 Year or 5 Year Term Plan. A nonrecurring charge applies to the installation of the UNI provided on a month-to-month basis. A customer can not mix Premier UNI Ports with any other UNI port type.

The percentage of each Premier Access Line UNIs allowed for EVC bandwidth is limited, where connections must comply with each of the following threshold requirements :

ERS-B less than or = 500% of UNI Speed
ERS-PD less than or = 100% of UNI Speed
ERS-RT less than or = 50% of UNI Speed
ERS-PD + ERS-RT less than or = 100% of UNI Speed
ERS-B + ERS-PD + ERS-RT less than or = 600% of UNI Speed

4. EMS Real Time (EMS-RT) Access Line

A monthly rate applies on a per-line basis, based on the speed of the access connection (i.e., 100 MBPS or 1000 MBPS). This enhanced service class configures a fixed portion of the UNI to be configured for Real Time Traffic, where each 100 MBPS UNI has CIR = 2 MBPS with EIR = 0 with each 1000 MBPS UNI has CIR = 10 MBPS with EIR = 0. The remainder of the UNI can be used for CIR = 0 and EIR = 0 traffic. The EMS-RT Access Line is offered on a month-to-month basis or as a 3 Year or 5 Year Term Plan. A nonrecurring charge applies to the installation of the EMS-RT Access Line provided on a month-to-month basis. A customer can not mix an EMS-RT Access Line with the ERS Service type, but may mix EMS-RT Access Line with EMS Access Lines. (N)

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(M[1]) Material moved to Page 6.2. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (Continued)

(M)
(M[1])

(D) Application of Rates and Charges (Continued)

(1) The following rate elements are applicable to TLS: (Continued)

b. Ethernet Virtual Circuit (EVC) (N)

For customers who order the Standard Access Line, a monthly rate will apply on a per EVC bandwidth basis. ERS Standard is the only EVC class available with the Standard Access Line. The EVC bandwidth must be equal to the bandwidth of the lowest speed of the end points it is connecting. ERS Standard EVCs are purchased on a month-to-month basis. A non-recurring setup charge will apply per ERS Standard EVC.

For customers who order the Premier Access Line, a monthly rate will apply on a service class and EVC bandwidth basis. Premier Access Line customers have the choice of combining ERS-Basic, ERS-Priority Data, and/or ERS-Real Time bandwidth on an EVC. A non-recurring setup charge will apply per ERS EVC. EVCs are purchased on a month-to-month basis. A customer may have more than one service class on the EVC, but will only pay one EVC non-recurring setup charge.

The number of EVCs permitted on each Standard Access Line and/or Premier Access Line are limited as follows :

10 Mbps less than or = 2 EVCs
100 Mbps less than or = 10 EVCs
1000 Mbps less than or = 75 EVCs.

ERS EVC bandwidth is limited to a maximum Mbps per Service Class per EVC, and must comply with each of the following maximum limits :

EVC Service Class	100 Mbps UNI Max/EVC	1000 Mbps UNI Max/EVC
ERS-B	100 Mbps	1000 Mbps
ERS-PD	50 Mbps	500 Mbps
ERS-RT	50 Mbps	100 Mbps

(N)

(c) Interoffice Mileage (M[2]) (T)

The Interoffice Mileage charge is based on the Per Mile charge multiplied by the distance between the Customer's serving central office and the nearest TLS equipped central office (a central office equipped with a switch, node, or other Telephone company equipment capable of delivering service, via a shared fiber path or network infra-structure). This interoffice distance is measured in airline miles, based upon latitude and longitude of each central office. The mileage measurement is calculated as specified by NECA Tariff FCC No. 4. The mileage rate applies on a per mile basis. This charge applies in addition to the applicable rates and charges for the TLS Access Line. (N) (N) (N)

(d) Domain/LAN Extension Equipment Changes (T)

Customer requests for changes in Domains and replacement of LAN extension equipment will be charged a nonrecurring charge per location per change.

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16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (Continued)

(D)

(D) Application of Rates and Charges (Continued) (M)

(1) The following rate elements are applicable to TLS: (Continued)

(e) Optional Features (T)

(1) Customer Service Management (CSM)

Customer Service Management (CSM) is an optional feature that provides customers with web-based reports. These reports give the customer the ability to extract "read-only" network traffic information regarding their networks thereby allowing customers to monitor and manage their network performance. CSM is provided per customer Domain/VLAN.

CSM will be provided where conditions and facilities permit.

The Company reserves the right to temporarily interrupt CSM for maintenance, software upgrades, and in emergency situations.

A monthly rate and a nonrecurring charge apply for each CSM arrangement. The customer will be charged on a per Domain/VLAN basis. The nonrecurring charge applies in addition to all other applicable service charges.

(2) Minimum Period

The minimum period for TLS under the month-to-month plan is nine months. The regulations applicable to TLS provided under a Term Payment Plan are specified in (D)(5).

(3) Term Payment Plans

The TLS Access Line is offered under a Term Payment Plan.

(4) Moves, Changes and Upgrades (C)

When Customer requests a move or relocation of a Standard Access Line, Protected Access Line, Premier Access Line or EMS Real Time Access Line to a different address and/or building, the move or relocation will be treated as a termination of the existing service and the establishment of a new service for the application of all charges. (M) (C)

When the Customer requests an upgrade in service speed, or change in service type, at an existing address, the upgrade in service speed/change in service type will be treated as a termination of the existing service and the establishment of a new service for the application of all charges. (N)

Customer requests for changes in Domains and replacement of LAN extension equipment will be charged a nonrecurring charge per location per change. (N)

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16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (Continued)

(D)

(D) Application of Rates and Charges (Continued)

(5) Termination Liability (M)

In the event TLS is terminated by the Customer prior to completion of the current term commitment period, the Customer shall be liable for an early termination charge, except as noted below. The amount of the early termination charge will be 25% of the monthly recurring charge(s) (MRC) for the remainder of the term. (C) (M) (N)

Early termination charges will apply only to those rate elements under a term commitment period. If tariff rates for the service are increased during the term period, exclusive of any increase due to local, state or federal fees, taxes or surcharges, the Customer may terminate the service without incurring an early termination charge.

Prior to the end of the term commitment period, the Customer may select one of the following options, to be effective at the end of the term:

Renew term commitment,
Commit to a new term period,
Arrange for a change of service, or
Arrange for termination of the service

In the event the Customer does not select one of the above options, the Customer will be converted to the shortest-term period available under tariff (i.e., month-to-month, etc.) for the same service, and will be subject to the applicable term commitment, if any, unless the Customer terminates the service within sixty (60) days of the conversion date. Early termination charges will not be assessed under the following circumstances:

- Customer moves existing service either to a new location within the same address and/or same building (inside move) or to a new location(outside move) and maintains that service for the remainder of the term;
- Customer attempts to move the existing service to a new location within the Company's service area, but the service is unavailable;
- Customer renegotiates a new term commitment plan for the same service before the current term commitment expires and the value of the new term commitment is equal to or greater than the remaining value of the current term commitment; or
- Customer changes to another service or upgrades service to a higher speed or capacity under a term commitment, provided the following conditions are met:
  - The value of the new term commitment is equal to or greater than the remaining value of the current term commitment,
  - The Company provides the new service via tariff or on an individual case basis (ICB), and
  - The order to discontinue the existing service and the order for the new or upgraded service are received by the Company at the same time. (N)

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16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

(D)

(E) Rates and Charges (M)

	Nonrecurring Charge[1]	Monthly Rate	
(1) Standard Access Line, per line			(T)
Month to Month Plan			
10 Mbps			
Half duplex	$ 1,300.00	$ 1,200.00	
Full duplex	1,300.00	1,200.00	
100 Mbps	1,300.00	2,400.00	
1000 Mbps	1,300.00	4,000.00	
Three Year Plan			
10 Mbps			
Half duplex	N/A	1,000.00	
Full duplex	N/A	1,000.00	
100 Mbps	N/A	2,000.00	
1000 Mbps	N/A	3,500.00	
Five Year Plan			
10 Mbps			
Half duplex	N/A	900.00	
Full duplex	N/A	900.00	
100 Mbps	N/A	1,800.00	
1000 Mbps	N/A	3,200.00	(M)
(2) Protected Access Line, per line			(N)
Month to Month Plan			
100 Mbps	1,300.00	3,600.00	
1000 Mbps	1,300.00	6,000.00	
Three Year Plan			
100 Mbps	N/A	3,000.00	
1000 Mbps	N/A	5,200.00	
Five Year Plan			
100 Mbps	N/A	2,700.00	
1000 Mbps	N/A	4,800.00	(N)

[1] Applies in lieu of service charges found elsewhere in this Tariff or other Company Tariffs. (M)

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16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

(E) Rates and Charges (Continued)

		Nonrecurring Charge	Monthly Rate	
(3)	Premier Access Line			(N)
	Month to Month Plan			
	100 Mbps	$ 1,300.00	$ 1,200.00	
	1000 Mbps	1,300.00	2,400.00	
	Three Year Plan			
	100 Mbps	N/A	1,000.00	
	1000 Mbps	N/A	2,000.00	
	Five Year Plan			
	100 Mbps	N/A	900.00	
	1000 Mbps	N/A	1,800.00	
(4)	EMS – Real Time Access Line			
	Month to Month Plan			
	100 Mbps	1,300.00	2,500.00	
	1000 Mbps	1,300.00	4,500.00	
	Three Year Plan			
	100 Mbps	N/A	2,100.00	
	1000 Mbps	N/A	4,000.00	
	Five Year Plan			
	100 Mbps	N/A	1,900.00	
	1000 Mbps	N/A	3,700.00	(N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

(E) Rates and Charges (Continued)

		Nonrecurring Charge	Monthly Rate	
(5)	ERS Ethernet Virtual Circuit (EVC)			
a.	ERS EVC Setup, per EVC	$ 200.00	N/A	
b.	ERS EVC Standard (ERS-Std), per EVC			
	10 Mbps	N/A	$ 50.00	
	100 Mbps	N/A	100.00	
	1000 Mbps	N/A	200.00	
c.	ERS EVC Basic (ERS-B) Bandwidth, per Class			
	1 Mbps	N/A	15.00	
	2 Mbps	N/A	30.00	
	3 Mbps	N/A	45.00	
	4 Mbps	N/A	60.00	
	5 Mbps	N/A	75.00	
	6 Mbps	N/A	90.00	
	7 Mbps	N/A	105.00	
	8 Mbps	N/A	120.00	
	9 Mbps	N/A	135.00	
	10 Mbps	N/A	150.00	
	20 Mbps	N/A	300.00	
	30 Mbps	N/A	450.00	
	40 Mbps	N/A	600.00	
	50 Mbps	N/A	750.00	
	60 Mbps	N/A	850.00	
	70 Mbps	N/A	950.00	
	80 Mbps	N/A	1,050.00	
	90 Mbps	N/A	1,150.00	
	100 Mbps	N/A	1,250.00	
	200 Mbps	N/A	1,350.00	
	300 Mbps	N/A	1,450.00	
	400 Mbps	N/A	1,550.00	
	500 Mbps	N/A	1,650.00	
	600 Mbps	N/A	1,740.00	
	700 Mbps	N/A	1,830.00	
	800 Mbps	N/A	1,920.00	
	900 Mbps	N/A	2,010.00	
	1000 Mbps	N/A	2,100.00	(N)

(N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

(E) Rates and Charges (Continued)

	Nonrecurring Charge	Monthly Rate	
(5) ERS Ethernet Virtual Circuit (EVC) (Continued)			
d. ERS EVC Priority Data (ERS-PD) Bandwidth, per Class			
1 Mbps	N/A	$ 40.00	
2 Mbps	N/A	80.00	
3 Mbps	N/A	120.00	
4 Mbps	N/A	160.00	
5 Mbps	N/A	200.00	
6 Mbps	N/A	220.00	
7 Mbps	N/A	240.00	
8 Mbps	N/A	260.00	
9 Mbps	N/A	280.00	
10 Mbps	N/A	300.00	
20 Mbps	N/A	600.00	
30 Mbps	N/A	900.00	
40 Mbps	N/A	1,200.00	
50 Mbps	N/A	1,500.00	
60 Mbps	N/A	1,720.00	
70 Mbps	N/A	1,940.00	
80 Mbps	N/A	2,100.00	
90 Mbps	N/A	2,300.00	
100 Mbps	N/A	2,500.00	
200 Mbps	N/A	2,700.00	
300 Mbps	N/A	2,900.00	
400 Mbps	N/A	3,100.00	
500 Mbps	N/A	3,300.00	(N)

(N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

(E) Rates and Charges (Continued)

	Nonrecurring Charge	Monthly Rate	
(5) ERS Ethernet Virtual Circuit (EVC) (Continued)			
e. ERS EVCReal Time (ERS-RT) Bandwidth, per Class			
1 Mbps	N/A	$ 120.00	
2 Mbps	N/A	240.00	
3 Mbps	N/A	360.00	
4 Mbps	N/A	480.00	
5 Mbps	N/A	600.00	
6 Mbps	N/A	660.00	
7 Mbps	N/A	720.00	
8 Mbps	N/A	780.00	
9 Mbps	N/A	840.00	
10 Mbps	N/A	900.00	
20 Mbps	N/A	1,175.00	
30 Mbps	N/A	1,450.00	
40 Mbps	N/A	1,725.00	
50 Mbps	N/A	2,000.00	
60 Mbps	N/A	2,200.00	
70 Mbps	N/A	2,400.00	
80 Mbps	N/A	2,600.00	
90 Mbps	N/A	2,800.00	
100 Mbps	N/A	3,000.00	(N)

(N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

(E) Rates and Charges (Continued)

		Nonrecurring Charge[1]	Monthly Rate	
(3)	Interoffice Mileage, per line[2]			(T)
	Per Mile	N/A	$100.00	
(4)	TLS Domain/LAN, per location			(T)
	Extension Equipment Changes per change	$ 400.00	N/A	
(5)	Optional Features			(T)
	(a) Customer Service Management (CSM) Per Domain/VLAN	350.00	150.00	(M)

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1 Applies in lieu of service charges found elsewhere in this Tariff or other Company Tariffs. (M)
2 Applies in addition to applicable rates and charges for TLS Access Line. (M)

(M) Material moved from Page 6. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

16. ADVANCED COMMUNICATIONS NETWORKS

16.1 General

~~Section 16.3 contains the rules and regulations pertaining to the provisioning of Packet Switching Network Service and Frame Relay Service.~~ (D) (D)

16. ADVANCED COMMUNICATIONS NETWORKS

(A) Definitions

(M)

In addition to the Definitions set forth in General Regulations, Section 2.6, the following definitions apply:

Domain: A Virtual Local Area Network (VLAN) or a collection of circuits that belong to one closed user group.

Megabit Per Second (Mbps): The speed where data is being transferred in the network, where one Megabit Per Second equals to the transfer rate of 1 million bits of data in 1 second.

Nanometers (nm): Wavelength frequency equivalent to 1 billionth of a meter.

(B) Service Description

Transparent LAN Service (TLS) is a high speed data service which uses a shared fiber network to allow for the interconnection of Local Area Networks (LANs) across selected metropolitan areas. TLS delivers an interface of 10 Mbps. 100 Mbps. and 1000 Mbps from the Customer's LANs to the shared network.

TLS creates a network with the ability to function as a shared public network. TLS protects data privacy by using specialized screening software that permits subscribers to access only their data. (M)

TLS is available in two service types: Ethernet Multipoint Service (EMS) or Ethernet Relay Service (ERS). The customer must select either (EMS) or (ERS) as the service type for each domain. (N)

(1) Ethernet Multipoint Service

Ethernet Multipoint Service (EMS) is a connection-less Ethernet TLS service that allows connectivity among multiple customer designated locations within a LATA.

With the EMS service type, Ethernet TLS protects data privacy by using closed user groups (CUGs), also known as virtual LANs. CUGs or virtual LANs are used to provide traffic separation, privacy and security between customers on the shared switch and backbone. An EMS domain is comprised of any number of access lines designated by the customer to be included in a closed user group (CUG) or virtual LAN. EMS provides multipoint-to-multipoint connectivity among all of the customer's access lines within a given domain. TLS may be used to access shared networks. In such cases, subscribers in a CUG can only access their own data.

(2) Ethernet Relay Service

Ethernet Relay Service (ERS) is a connection-oriented Ethernet TLS service that allows for point-to-point connectivity between customer designated locations within a LATA.

With the ERS TLS service type, each Ethernet Virtual Circuit (EVC) establishes a virtual LAN or CUG. An ERS domain is comprised of any number of virtual LANs designated by the customer to be included in the ERS Standard domain. ERS provides point-to-point connectivity between pairs of customer's access lines, Internet virtual circuits and shared network virtual circuits within a given domain.

A customer may have more than one domain within a LATA, but connections between domains are not permitted. TLS may be used to access shared networks. In such cases, subscribers in a CUG can only access their own data. (N)

(M) Material moved from Page 4. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

(B) Service Description (Continued) (N)

(2) Ethernet Relay Service (Continued)

Four EVC service classes are available for use with ERS service type:

(a) ERS Standard (ERS-Std) and ERS Basic(ERS-B): designed for customer applications that do not require a Committed Information Rate (CIR) or low delay, where CIR = 0 and Excess Information Rate (EIR) = # of Mbps of the selected ERS-Std/ERS-B EVC service class.

(b) ERS-Priority Data (ERS-PD): designed for customer applications which do not require low delay, but require a CIR, where CIR = # of Mbps of the selected ERS-PD EVC service class and EIR = # of Mbps of the selected ERS-PD EVC service class.

(c) ERS Real Time (ERS-RT): designed for customer applications which require a CIR and low delay for some portion of their traffic, where CIR = # of Mbps of the selected ERS-RT EVC service class and EIR = 0.

(d) An ERS EVC can include up to three service classes (ERS-B, ERS-PD and ERS-RT) as described above within each EVC. The customer will be required to identify the Basic, PD and RT Class of Service Ethernet frames by one of the following choices: setting the VLAN Class of Service (CoS) ID (for 802.1q tagged Ethernet Frames), or setting the DiffServ Code Point (DSCP) (for tagged or untagged Ethernet frames) or setting the VLAN ID (for tagged or untagged Ethernet frames), appropriately. (N)

(C) Conditions (M)

(1) A TLS network will be limited to central offices in a specific geographic location. Customers gain access to the shared TLS network via ~~TLS equipment~~ a switch, node, or other Telephone Company equipment delivering service through a shared fiber path or network infra-structure and deployed in the Customer's serving central office (TLS equipped central office) or deployed in leased space near the Customer's location. At subscription, the Customer has an option of selecting standard access lines at speeds of 10 Mbps, 100 Mbps or 1000 Mbps. (C)

(2) TLS is available to Customers whose serving central office is a TLS equipped central office ~~with TLS equipment~~ and is located within the maximum allowable range of the serving central office. ~~The maximum dB loss cannot exceed 20dB @1310nm for 10 Mbps service 26 dB @1310nm for 100 Mbps service and 22dB @1550nm for 1000 Mbps service depending on the Customer's distance from the TLS equipped central office.~~ The maximum allowable range is determined by the dB loss rate where the actual distance between the TLS equipped serving wire center and the Customer's location will vary based on the specifics of the facility used in each serving arrangement.

(3) If the Customer's serving central office is not a TLS equipped central office, ~~equipped with TLS equipment, the Customer may obtain service from a TLS equipped central office,~~ by paying the Interoffice Mileage charge in addition to TLS access charges. The dB loss cannot exceed the maximum allowable range, as specified in regulation above. (C) (M)

(M) Material moved from Page 4. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS)

~~(A) Definitions~~ (M)

~~In addition to the Definitions set forth in General Regulations, Section 2.6, the following definitions apply:~~
~~Domain: A Virtual Local Area Network (VLAN) or a collection of circuits that belong to one closed user group.~~
~~Megabit Per Second (Mbps.): The speed where data is being transferred in the network, where one Megabit Per Second equals to the transfer rate of 1 million bits of data in 1 second.~~
~~Nanometers (nm): Wavelength frequency equivalent to 1 billionth of a meter.~~

~~(B) Service Description~~

~~Transparent LAN Service (TLS) is a high speed data service which uses a shared fiber network to allow for the interconnection of Local Area Networks (LANs) across selected metropolitan areas. TLS delivers an interface of 10 Mbps. 100 Mbps. and 1000 Mbps from the Customer's LANs to the shared network.~~
~~TLS creates a network with the ability to function as a shared public network. TLS protects data privacy by using specialized screening software that permits subscribers to access only their data.~~ (M)

~~(C) Conditions~~ (M¹)

~~(1) A TLS network will be limited to central offices in a specific geographic location. Customers gain access to the shared TLS network via TLS equipment deployed in the Customer's serving central office or deployed in leased space near the Customer's location. At subscription, the Customer has an option of selecting access lines at speeds of 10 Mbps. 100 Mbps. or 1000 Mbps.~~

~~(2) TLS is available to Customers whose serving central office is equipped with TLS equipment and is located within the maximum allowable range of the serving central office. The maximum dB loss cannot exceed 20dB @1310nm for 10 Mbps. service 26 dB @1310nm for 100 Mbps. service and 22dB @1550nm for 1000 Mbps. service depending on the Customer's distance from the TLS equipped central office.~~

~~(3) If the Customer's serving central office is not equipped with TLS equipment, the Customer may obtain service from a TLS equipped central office, by paying the Interoffice Mileage charge in addition to TLS charges. The dB loss cannot exceed the maximum allowable range, as specified in (C)(2).~~ (M¹)

(C) Conditions (Continued)

(4) Provision of Service (M²)

The TLS service will consist of:

-a. Network Interface Device (NID) at the Customer's premises to terminate the fiber pair or other optical transport. (M²) (T) (N)

b. Optical Transport from the Customer's premises to the serving central office. (N)

-c. Network Management including fault monitoring and diagnostics, performance and network configuration applications and manual monitoring when necessary. (M²) (T)
(M²)

d. User Network Interface (UNI) Port with Access Line Connection (N)

UNI Port with Access Line Connections, which are available at 10 Mbps, 100 Mbps and 1000 Mbps, provide connectivity between the customer premises and the serving wire center. UNI Port with Access Line connections are available as either EMS or ERS. Connectivity can be established only between or among UNI Port with Access Line Connections of the same service type.

e. Ethernet TLS Ethernet Virtual Circuit (EVC)

An Ethernet TLS EVC provides point-to-point Ethernet connectivity between two UNIs, between a UNI and a shared network EVC or between a UNI and an Internet VC. Ethernet TLS EVCs are only available with ERS. The ERS Standard Ethernet TLS EVCs are designed for customer applications that do not require bandwidth or delay guarantees. ERS Standard provides no performance guarantees.

-f. Interoffice Mileage, where applicable. (N)

g. Optional Features (N)

Customer Service Management (CSM) (N)

(5) Availability of Service (M²) (T)

TLS will be provided seven days a week, 24 hours a day, from central offices equipped to provide this service. (M²)

ERS Service, including Premier Access Lines and ERS-Std., ERS-B, ERS-PD, ERS-RT EVCs, as defined in section (B) (2), will only be available from Central Offices equipped to support ERS Service. (N)
(N)

(M) Material moved to Page 2. (N)
(M¹) Material moved to Page 3. (N)
(M²) Material moved from 4.1. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLC) Continued)

(C) (Conditions) (Continued)

~~(4) Provision of Service~~ (M)
~~The TLS service will consist of:~~

~~- Network Interface Device (NID) at the Customer's premises to terminate the fiber pair.~~
~~- Dedicated fiber pair from the Customer's premises to the serving central office.~~
~~- Network Management including fault monitoring and diagnostics, performance and network configuration applications and manual monitoring when necessary.~~
~~- Dedicated Port on the switch.~~ (D)
~~- Interoffice Mileage, where applicable.~~

~~(5) Availability of Service~~

~~TLS will be provided seven days a week, 24 hours a day, from central offices equipped to provide this service.~~ (M)

(6) Connections

The network interface is the LAN interface on the TLS equipment at the Customer's premises. The Customer is responsible for any inside wire required in connecting the LAN to the TLS equipment.

The Customer is also responsible for installation, operation and maintenance of any Customer-provided equipment.

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

(7) Limitations

The Customer's location must be within the maximum allowable range of the TLS equipped central office, as defined in (C)(2). ~~If the Customer's location is not within the maximum allowable range, the Customer~~ (D)
~~may obtain service by paying the Interoffice Mileage charge in addition to TLS Access Line charge, as~~ (D)
~~described in (C)(3).~~ (D)

(8) Maintenance Window (M^1)

To meet the Customers' requirements, occasional network upgrades must be performed. These network upgrades are needed to provide improved performance and new features. Generally these upgrades will be performed between the hours of 11 PM and 6~~–8~~ AM. Network upgrades are planned to provide Customers reasonable and timely notification in order to minimize any impact on the Customers' service. (C)

(9) Technical Specifications

The technical specifications for TLS are delineated in IEEE802.3-2000.

(10) Transmission Mode

The transmission mode supported is dependent on the access rate. The supported transmission mode for 10 Mbps access is half-duplex and full duplex. Full duplex 10 Mbps access is available only where conditions and facilities permit. The supported transmission mode for 100 Mbps and 1000 Mbps access is full duplex.

(11) TLS is available where facilities and conditions permit. Special construction charges may apply. (M^1)

(M) Material moved to Page 4. (N)
(M^1) Material moved from Page 5. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (Continued)

~~(C) Conditions (Continued)~~

~~(8) Maintenance Window~~ (M)
~~To meet the Customers' requirements, occasional network upgrades must be performed. These network upgrades are needed to provide improved performance and new features. Generally these upgrades will be performed between the hours of 11 PM and 8 AM. Network upgrades are planned to provide Customers reasonable and timely notification in order to minimize any impact on the Customers' service.~~
~~(9) Technical Specifications~~
~~The technical specifications for TLS are delineated in IEEE802.3-2000.~~
~~(10) Transmission Mode~~
~~The transmission mode supported is dependent on the access rate. The supported transmission mode for 10 Mbps access is half duplex and full duplex. Full duplex 10 Mbps access is available only where conditions and facilities permit. The supported transmission mode for 100 Mbps and 1000 Mbps. access is full duplex.~~
~~(11) TLS is available where facilities and conditions permit. Special construction charges may apply.~~ (M)

(D) Application of Rates and Charges

(1) The following rate elements are applicable to TLS:

- UNI Port with Access Line Connection (N)
  - Standard Access Line (C)
  - Protected Access Line (N)
  - Premier Access Line
  - EMS
- Ethernet Virtual Circuit (EVC) (N)
- Interoffice Mileage
- Domain/LAN Extension Equipment Changes
- Optional Features
- Customer Service Management (CSM)

(a) UNI Port and Access Line (N)

1. Standard Access Line (C)

A monthly rate applies on a per line basis, based on the speed of the access connection (i.e., 10, Mbps. 100 Mbps. or 1000 Mbps.). The Access Line is offered on a month to month basis, or as a three-year or five-year Term Payment Plan. A nonrecurring charge applies to the installation of the TLS Access Line provided on a month-to-month basis.

2. Protected Access Lines (N)

Protected Access Lines are provisioned as a survivable service with an alternate fiber pair between the central office and the customer premises. Protected Access Line allows the Company to detect and recover a failure and move the customer's data to an alternate fiber pair in approximately one second in most instances. Both fiber pairs must be served by the same central office and must have the same access speed. The second fiber pair will be routed over a diverse fiber path when possible. A monthly rate applies on a per line basis, based on the speed of the access connection (i.e., 100 Mbps, 1000 Mbps). A nonrecurring charge will apply to the installation of a Protected Access Line provided on a month-to-month basis. (N)

~~(b) Interoffice Mileage~~ (M[1])
~~The Interoffice Mileage charge is based on the Per Mile charge multiplied by the distance between the Customer's serving central office and the nearest TLS equipped central office. This interoffice distance is measured in airline miles, based upon latitude and longitude of each central office. The mileage measurement is calculated as specified by NECA Tariff FCC No. 4. The mileage rate applies on a per mile basis. This charge applies in addition to the applicable rates and charges for the TLS Access Line.~~
~~(c) Domain/LAN Extension Equipment Changes~~
~~Customer requests for changes in Domains and replacement of LAN extension equipment will be charged a nonrecurring charge per location per change.~~ (M[1])

(M) Material moved to Page 4.1. (N)
(M[1]) Material moved to Page 6. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (Continued)

(D) Application of Rates and Charges (Continued)

(1) ~~(Cont'd)~~ The following rate elements are applicable to TLS: (Continued)

~~(d) Optional Features~~ (M)

~~1) Customer Service Management (CSM)~~

~~Customer Service Management (CSM) is an optional feature that provides customers with web-based reports. These reports give the customer the ability to extract "read-only" network traffic information regarding their networks thereby allowing customers to monitor and manage their network performance. CSM is provided per customer Domain/VLAN. CSM will be provided where conditions and facilities permit.~~

~~The Company reserves the right to temporarily interrupt CSM for maintenance, software upgrades, and in emergency situations.~~

~~A monthly rate and a nonrecurring charge apply for each CSM arrangement. The customer will be charged on a per Domain/VLAN basis. The nonrecurring charge applies in addition to all other applicable service charges.~~

~~(2) Minimum Period~~

~~The minimum period for TLS under the month-to-month plan is nine months. The regulations applicable to TLS provided under a Term Payment Plan are specified in (D)(5).~~

~~(3) Term Payment Plans~~

~~The TLS Access Line is offered under a Term Payment Plan.~~

~~(4) Moves and Changes~~

~~When the Customer requests a move or relocation of the TLS Access Line to a different address and/or different building, the move or relocation will be treated as a termination of the existing service and the establishment of a new service for the application of all charges excluding Termination Liability charges.~~ (M)

~~(5) Termination Liability~~ (M[1])

~~In the event TLS is terminated by the Customer prior to completion of the initial term commitment period, Termination Liability charges, as set forth in General Regulations, Section 2.8, will apply.~~ (M[1])

(M[1])

(a) UNI Port and Access Line (Continued) (N)

3. Premier Access Line

A monthly rate applies on a per-line basis, based on the speed of the access line (i.e., 100 MBPS or 1000 MBPS). A Premier Access Line must be purchased in conjunction with some combination of ERS-B, ERS-PD, and/or ERS-RT EVC service classes, which are described in section B.1. The Premier Access Line is offered on a month-to-month basis or as a 3 Year or 5 Year Term Plan. A nonrecurring charge applies to the installation of the UNI provided on a month-to-month basis. A customer can not mix Premier UNI Ports with any other UNI port type.

The percentage of each Premier Access Line UNIs allowed for EVC bandwidth is limited, where connections must comply with each of the following threshold requirements :

ERS-B less than or = 500% of UNI Speed
ERS-PD less than or = 100% of UNI Speed
ERS-RT less than or = 50% of UNI Speed
ERS-PD + ERS-RT less than or = 100% of UNI Speed
ERS-B + ERS-PD + ERS-RT less than or = 600% of UNI Speed

4. EMS Real Time (EMS-RT) Access Line

A monthly rate applies on a per-line basis, based on the speed of the access connection (i.e., 100 MBPS or 1000 MBPS). This enhanced service class configures a fixed portion of the UNI to be configured for Real Time Traffic, where each 100 MBPS UNI has CIR = 2 MBPS with EIR = 0 with each 1000 MBPS UNI has CIR = 10 MBPS with EIR = 0. The remainder of the UNI can be used for CIR = 0 and EIR = 0 traffic. The EMS-RT Access Line is offered on a month-to-month basis or as a 3 Year or 5 Year Term Plan. A nonrecurring charge applies to the installation of the EMS-RT Access Line provided on a month-to-month basis. A customer can not mix an EMS-RT Access Line with the ERS Service type, but may mix EMS-RT Access Line with EMS Access Lines. (N)

(M) Material moved to Page 6.1. (N)
(M[1]) Material moved to Page 6.2. (N)

16.3 Transparent LAN Service (TLS) Continued (M)

~~(E) Rates and Charges~~

	Nonrecurring Charge1	Monthly Rate
~~(1) TLS Access Line, per line~~		
~~Month to Month Plan~~		
~~10 Mbps.~~		
~~Half duplex~~	~~$1,300.00~~	~~$1,200.00~~
~~Full duplex~~	~~1,300.00~~	~~1,200.00~~
~~100 Mbps.~~	~~1,300.00~~	~~2,400.00~~
~~1000 Mbps~~	~~1,300.00~~	~~4,000.00~~
~~Three Year Plan~~		
~~10 Mbps.~~		
~~Half duplex~~	~~N/A~~	~~1,000.00~~
~~Full duplex~~	~~N/A~~	~~1,000.00~~
~~100 Mbps.~~	~~N/A~~	~~2,000.00~~
~~1000 Mbps~~	~~N/A~~	~~3,500.00~~
~~Five Year Plan~~		
~~10 Mbps.~~		
~~Half duplex~~	~~N/A~~	~~900.00~~
~~Full duplex~~	~~N/A~~	~~900.00~~
~~100 Mbps.~~	~~N/A~~	~~1,800.00~~
~~1000 Mbps~~	~~N/A~~	~~3,200.00~~
~~(2) Interoffice Mileage, per line2~~		(M)
~~Per Mile~~	~~N/A~~	~~100.00~~ (M1)
~~(3) TLS Domain/LAN, per location~~		
~~Extension Equipment Changes~~		
~~per change~~	~~$ 400.00~~	~~N/A~~
~~(4) Optional Features~~		
~~(a) Customer Service Management (CSM),~~		
~~Per Domain/VLAN~~	~~350.00~~	~~150.00~~ (M1)

~~1 Applies in lieu of service charges found elsewhere in this Tariff or other Company Tariffs.~~ (M)(M1)

~~2 Applies in addition to applicable rates and charges for TLS Access Line.~~ (M1)

(D) Application of Rates and Charges (Continued) (N)

(1) The following rate elements are applicable to TLS: (Continued)

b. Ethernet Virtual Circuit (EVC)

For customers who order the Standard Access Line, a monthly rate will apply on a per EVC bandwidth basis. ERS Standard is the only EVC class available with the Standard Access Line. The EVC bandwidth must be equal to the bandwidth of the lowest speed of the end points it is connecting. ERS Standard EVCs are purchased on a month-to-month basis. A non-recurring setup charge will apply per ERS Standard EVC.

For customers who order the Premier Access Line, a monthly rate will apply on a service class and EVC bandwidth basis. Premier Access Line customers have the choice of combining ERS-Basic, ERS-Priority Data, and/or ERS-Real Time bandwidth on an EVC. A non-recurring setup charge will apply per ERS EVC. EVCs are purchased on a month-to-month basis. A customer may have more than one service class on the EVC, but will only pay one EVC non-recurring setup charge.

The number of EVCs permitted on each Standard Access Line and/or Premier Access Line are limited as follows :

10 Mbps less than or = 2 EVCs
100 Mbps less than or = 10 EVCs
1000 Mbps less than or = 75 EVCs.

ERS EVC bandwidth is limited to a maximum Mbps per Service Class per EVC, and must comply with each of the following maximum limits :

EVC Service Class	100 Mbps UNI Max/EVC	1000 Mbps UNI Max/EVC
ERS-B	100 Mbps	1000 Mbps
ERS-PD	50 Mbps	500 Mbps
ERS-RT	50 Mbps	100 Mbps

(N)

~~(b~~c) Interoffice Mileage (M2) (T)

The Interoffice Mileage charge is based on the Per Mile charge multiplied by the distance between the Customer's serving central office and the nearest TLS equipped central office (a central office equipped with a switch, node, or other Telephone company equipment capable of delivering service, via a shared fiber path or network infra-structure). This interoffice distance is measured in airline miles, based upon latitude and longitude of each central office. The mileage measurement is calculated as specified by NECA Tariff FCC No. 4. The mileage rate applies on a per mile basis. This charge applies in addition to the applicable rates and charges for the TLS Access Line.

~~(c~~e) Domain/LAN Extension Equipment Changes (T)

Customer requests for changes in Domains and replacement of LAN extension equipment will be charged a nonrecurring charge per location per change. (M2)

(M) Material moved to Page 7. (N)
(M1) Material moved to Page 7.5. (N)
(M2) Material moved from Page 5. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (Continued)

~~(E) (Deleted)~~ (D)

~~(4) (Deleted)~~ (D)

(D) Application of Rates and Charges (Continued) (M)

(1) The following rate elements are applicable to TLS: (Continued)

(~~d~~e) Optional Features (T)

(1) Customer Service Management (CSM)

Customer Service Management (CSM) is an optional feature that provides customers with web-based reports. These reports give the customer the ability to extract "read-only" network traffic information regarding their networks thereby allowing customers to monitor and manage their network performance. CSM is provided per customer Domain/VLAN.

CSM will be provided where conditions and facilities permit.

The Company reserves the right to temporarily interrupt CSM for maintenance, software upgrades, and in emergency situations.

A monthly rate and a nonrecurring charge apply for each CSM arrangement. The customer will be charged on a per Domain/VLAN basis. The nonrecurring charge applies in addition to all other applicable service charges.

(2) Minimum Period

The minimum period for TLS under the month-to-month plan is nine months. The regulations applicable to TLS provided under a Term Payment Plan are specified in (D)(5).

(3) Term Payment Plans

The TLS Access Line is offered under a Term Payment Plan.

(4) Moves, Changes and Upgrades (C)

When Customer requests a move or relocation of a Standard ~~TLS~~ Access Line, Protected Access Line, Premier Access Line or EMS Real Time Access Line to a different address and/or building, the move or relocation will be treated as a termination of the existing service and the establishment of a new service for the application of all charges. (C) (M)

When the Customer requests an upgrade in service speed, or change in service type, at an existing address, the upgrade in service speed/change in service type will be treated as a termination of the existing service and the establishment of a new service for the application of all charges. (N)

Customer requests for changes in Domains and replacement of LAN extension equipment will be charged a nonrecurring charge per location per change. (N)

.

(M) Material moved from Page 5.1. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (Continued)

~~(E) (Deleted)~~ (D)

~~(4) (Deleted)~~ (D)

(D) Application of Rates and Charges (Continued)

(5) Termination Liability (M)

In the event TLS is terminated by the Customer prior to completion of the current term commitment period, ~~Termination Liability charges, as set forth in General Regulations, Section 2.8, will apply.~~ the Customer shall be liable for an early termination charge, except as noted below. The amount of the early termination charge will be 25% of the monthly recurring charge(s) (MRC) for the remainder of the term. (C) (C) (M) (N)

Early termination charges will apply only to those rate elements under a term commitment period. If tariff rates for the service are increased during the term period, exclusive of any increase due to local, state or federal fees, taxes or surcharges, the Customer may terminate the service without incurring an early termination charge.

Prior to the end of the term commitment period, the Customer may select one of the following options, to be effective at the end of the term:

Renew term commitment,
Commit to a new term period,
Arrange for a change of service, or
Arrange for termination of the service

In the event the Customer does not select one of the above options, the Customer will be converted to the shortest-term period available under tariff (i.e., month-to-month, etc.) for the same service, and will be subject to the applicable term commitment, if any, unless the Customer terminates the service within sixty (60) days of the conversion date. Early termination charges will not be assessed under the following circumstances:

- Customer moves existing service either to a new location within the same address and/or same building (inside move) or to a new location(outside move) and maintains that service for the remainder of the term;
- Customer attempts to move the existing service to a new location within the Company's service area, but the service is unavailable;
- Customer renegotiates a new term commitment plan for the same service before the current term commitment expires and the value of the new term commitment is equal to or greater than the remaining value of the current term commitment; or
- Customer changes to another service or upgrades service to a higher speed or capacity under a term commitment, provided the following conditions are met:
  - The value of the new term commitment is equal to or greater than the remaining value of the current term commitment,
  - The Company provides the new service via tariff or on an individual case basis (ICB), and
  - The order to discontinue the existing service and the order for the new or upgraded service are received by the Company at the same time. (N)

(M) Material moved from Page 5.1. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

~~(F) (Deleted)~~ (D)

~~(1) (Deleted)~~ (D)

~~(2) Deleted)~~ (D)

(E) Rates and Charges (M)

	Nonrecurring Charge[1]	Monthly Rate
(1) Standard Access Line, per line		
Month to Month Plan		
10 Mbps		
Half duplex	$ 1,300.00	$ 1,200.00
Full duplex	1,300.00	1,200.00
100 Mbps	1,300.00	2,400.00
1000 Mbps	1,300.00	4,000.00
Three Year Plan		
10 Mbps		
Half duplex	N/A	1,000.00
Full duplex	N/A	1,000.00
100 Mbps	N/A	2,000.00
1000 Mbps	N/A	3,500.00
Five Year Plan		
10 Mbps		
Half duplex	N/A	900.00
Full duplex	N/A	900.00
100 Mbps	N/A	1,800.00
1000 Mbps	N/A	3,200.00

(M)

(2) Protected Access Line, per line		
Month to Month Plan		
100 Mbps	1,300.00	3,600.00
1000 Mbps	1,300.00	6,000.00
Three Year Plan		
100 Mbps	N/A	3,000.00
1000 Mbps	N/A	5,200.00
Five Year Plan		
100 Mbps	N/A	2,700.00
1000 Mbps	N/A	4,800.00

(N)

(N)

[1] Applies in lieu of service charges found elsewhere in this Tariff or other Company Tariffs. (M)

(M) Material moved from Page 6. (N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

~~(F) (Deleted)~~

~~(3) (Deleted)~~

~~(4) (Deleted)~~

~~(5) (Deleted)~~

~~(6) (Deleted)~~

~~(7) (Deleted)~~ (D)

(E) Rates and Charges (Continued) (D)

	Nonrecurring Charge[1]	Monthly Rate	
(3) Premier Access Line			(N)
Month to Month Plan			
100 Mbps	$ 1,300.00	$ 1,200.00	
1000 Mbps	1,300.00	2,400.00	
Three Year Plan			
100 Mbps	N/A	1,000.00	
1000 Mbps	N/A	2,000.00	
Five Year Plan			
100 Mbps	N/A	900.00	
1000 Mbps	N/A	1,800.00	
(4) EMS – Real Time Access Line			
Month to Month Plan			
100 Mbps	1,300.00	2,500.00	
1000 Mbps	1,300.00	4,500.00	
Three Year Plan			
100 Mbps	N/A	2,100.00	
1000 Mbps	N/A	4,000.00	
Five Year Plan			
100 Mbps	N/A	1,900.00	
1000 Mbps	N/A	3,700.00	(N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

(F) (Deleted) (D)

(7) (Deleted) (D)

(E) Rates and Charges (Continued)

(N)

	Nonrecurring Charge	Monthly Rate
(5) ERS Ethernet Virtual Circuit (EVC)		
a. ERS EVC Setup, per EVC	$ 200.00	N/A
b. ERS EVC Standard (ERS-Std), per EVC		
10 Mbps	N/A	$ 50.00
100 Mbps	N/A	100.00
1000 Mbps	N/A	200.00
c. ERS EVC Basic (ERS-B) Bandwidth, per Class		
1 Mbps	N/A	15.00
2 Mbps	N/A	30.00
3 Mbps	N/A	45.00
4 Mbps	N/A	60.00
5 Mbps	N/A	75.00
6 Mbps	N/A	90.00
7 Mbps	N/A	105.00
8 Mbps	N/A	120.00
9 Mbps	N/A	135.00
10 Mbps	N/A	150.00
20 Mbps	N/A	300.00
30 Mbps	N/A	450.00
40 Mbps	N/A	600.00
50 Mbps	N/A	750.00
60 Mbps	N/A	850.00
70 Mbps	N/A	950.00
80 Mbps	N/A	1,050.00
90 Mbps	N/A	1,150.00
100 Mbps	N/A	1,250.00
200 Mbps	N/A	1,350.00
300 Mbps	N/A	1,450.00
400 Mbps	N/A	1,550.00
500 Mbps	N/A	1,650.00
600 Mbps	N/A	1,740.00
700 Mbps	N/A	1,830.00
800 Mbps	N/A	1,920.00
900 Mbps	N/A	2,010.00
1000 Mbps	N/A	2,100.00

(N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

(F) (Deleted) (D)

(7) (Deleted) (D)

(E) Rates and Charges (Continued)

	Nonrecurring Charge	Monthly Rate	
(5) ERS Ethernet Virtual Circuit (EVC) (Continued)			(N)
d. ERS EVC Priority Data (ERS-PD) Bandwidth, per Class			
1 Mbps	N/A	$ 40.00	
2 Mbps	N/A	80.00	
3 Mbps	N/A	120.00	
4 Mbps	N/A	160.00	
5 Mbps	N/A	200.00	
6 Mbps	N/A	220.00	
7 Mbps	N/A	240.00	
8 Mbps	N/A	260.00	
9 Mbps	N/A	280.00	
10 Mbps	N/A	300.00	
20 Mbps	N/A	600.00	
30 Mbps	N/A	900.00	
40 Mbps	N/A	1,200.00	
50 Mbps	N/A	1,500.00	
60 Mbps	N/A	1,720.00	
70 Mbps	N/A	1,940.00	
80 Mbps	N/A	2,100.00	
90 Mbps	N/A	2,300.00	
100 Mbps	N/A	2,500.00	
200 Mbps	N/A	2,700.00	
300 Mbps	N/A	2,900.00	
400 Mbps	N/A	3,100.00	
500 Mbps	N/A	3,300.00	(N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

~~(F) (Deleted)~~ (D)

~~(7) (Deleted)~~ (D)

~~(8) (Deleted)~~ (D)

(E) Rates and Charges (Continued)

	Nonrecurring Charge	Monthly Rate	
(5) ERS Ethernet Virtual Circuit (EVC) (Continued)			
e. ERS EVCReal Time (ERS-RT) Bandwidth, per Class			
1 Mbps	N/A	$ 120.00	
2 Mbps	N/A	240.00	
3 Mbps	N/A	360.00	
4 Mbps	N/A	480.00	
5 Mbps	N/A	600.00	
6 Mbps	N/A	660.00	
7 Mbps	N/A	720.00	
8 Mbps	N/A	780.00	
9 Mbps	N/A	840.00	
10 Mbps	N/A	900.00	
20 Mbps	N/A	1,175.00	
30 Mbps	N/A	1,450.00	
40 Mbps	N/A	1,725.00	
50 Mbps	N/A	2,000.00	
60 Mbps	N/A	2,200.00	
70 Mbps	N/A	2,400.00	
80 Mbps	N/A	2,600.00	
90 Mbps	N/A	2,800.00	
100 Mbps	N/A	3,000.00	(N)

(N)

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Transparent LAN Service (TLS) (Continued)

(E) Rates and Charges (Continued)

		Nonrecurring Charge[1]	Monthly Rate	
(62)	Interoffice Mileage, per line[2]			(T)
	Per Mile	N/A	$100.00	
(73)	TLS Domain/LAN, per location			(T)
	Extension Equipment Changes per change	$ 400.00	N/A	
(84)	Optional Features			(T)
	(a) Customer Service Management (CSM) Per Domain/VLAN	350.00	150.00	(M)

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1 Applies in lieu of service charges found elsewhere in this Tariff or other Company Tariffs. (M)
2 Applies in addition to applicable rates and charges for TLS Access Line. (M)

(M) Material moved from Page 6. (N)