

## ACCESS SERVICE CHECK SHEET

Title Pages 1 and 2 and Pages 1 to 22-16 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 13, 14, 15, 16, 17, 19, 20, 28 and 29 contain all changes from the original tariff that are in effect on the date hereof.

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3-9	Original	4-29	16th	5-28	1st
3-10	Original	4-29.1	3rd	5-28.1	Original
3-11	Original	4-30	8th	5-29	Original
3-12	Original	4-31	7th	5-30	7th
3-13	Original	4-32	16th	5-30.1	2nd
3-14	Original	4-32.1	3rd	5-30.2	Original
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16-129	Original	18-3	Original	19-38	1st
16-130	4th	18-4	Original	19-39	1st
16-131	4th			19-40	Original
16-132	4th			19-41	Original
16-133	4th	19-1	Original	19-42	1st
16-134	4th	19-2	Original	19-43	1st
16-135	4th	19-3	3rd	19-44	Original
16-136	2nd*	19-4	1st	19-45	1st
16-136.1	1st*	19-5	Original	19-46	1st
16-136.2	1st*	19-6	Original	19-47	Original
16-137	2nd*	19-7	Original	19-48	1st
16-138	2nd*	19-8	Original	19-49	1st
16-139	2nd*	19-9	1st	19-50	1st
16-139.1	1st*	19-10	Original	19-51	1st
16-139.2	1st*	19-11	Original	19-52	1st
16-140	2nd*	19-12	Original	19-53	1st
16-141	2nd*	19-13	Original	19-54	1st
16-142	2nd*	19-14	Original	19-55	1st
16-143	2nd*	19-15	Original	19-56	1st
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		19-17	Original	19-56.2	Original
		19-18	Original	19-57	1st
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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Physically-Collocated Interconnection

The term "Physically-Collocated Interconnection" denotes an arrangement where the Collocator's facilities will be interconnected with Collocator owned and provided equipment that is physically located in a Collocated Interconnection Space within a Telephone Company central office building. The standard method of interconnection is through a point of interconnection (POT) bay. Collocators may propose alternative means of interconnection that are technically feasible by submitting a bona fide request for negotiation.

Point of Presence

The term "Point of Presence" denotes a physical location where there is a point of interface between the Telephone Company facilities providing a LATA access function and an interLATA carrier's facilities providing an interLATA function.

(N)  
 |  
 (N)

Point of Termination

The term "Point of Termination" denotes the point of demarcation, within a customer-designated premises at which the Telephone Company's responsibility for the provision of Access Service ends.

Post-Installation Inspection

The term "Post-Installation Inspection" under Collocated Interconnection denotes the work activities performed to visually observe Collocator's equipment and cable facilities and equipment installation during and after the completion of the installation of such equipment and facilities to determine that all occupancies conform to the standards required.

Pre-Construction Work

The term "Pre-Construction Work" under Collocated Interconnection denotes the work activities performed by Telephone Company in order to process an application for occupancy to the point just prior to performing any necessary Design and Construction Work.

Premises

The term "Premises" denotes a building or a portion of a building in a multitenant building, or buildings on a continuous property (except Railroad right-of-way, etc.) not separated by a public highway except for an end user that offers Telecommunications Services exclusively as a reseller, this term is not to be limited to one building, but applies as well to a complex, or campus-type configuration, or buildings. "Premises" does not include Collocated Interconnection Space. See also Non-Standard Premises.

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ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service

This service is offered to customers in the State of New Jersey and in the New Jersey and New York Corridor, as described in Section 14.3.2 preceding.

(A) General

(1) Transparent LAN Service (TLS) is a high speed data service that uses a shared fiber network to allow for the interconnection of Local Area Networks (LANs) across selected metropolitan areas. TLS is available in two interfaces: User to Network Interface (UNI) or Network to Network Interface (NNI). (C)

(a) The UNI Port With Access Line Connection consists of a dedicated fiber pair that provides a link from the customer's premises to one of the Telephone Company's TLS switches and the appropriate port interface connection. (C)

(b) The NNI Port Only Connection provides a port Interface connection from an interexchange carrier's network or service provider's point of presence to one of the Telephone Company's TLS switches. (N)

UNIs and NNIs are further described in Section 16.11 B. following. (C)

(2) TLS creates a network with the ability to function as a shared public network. 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. Subscribers in a CUG can only access their own data.

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ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service (Cont'd)

(B) Service Components

The major components of TLS are:

- UNI Port With Access Line Connection
- NNI Port Only Connection (N)
- Interoffice Mileage
- Domain/LAN Extension Equipment Charges
- Optional Features

(1) User Network Interface (UNI) Port With Access Line Connection

UNI Port With Access Line Connections, which are available at 10, 100 and 1000 Mbps, provide a dedicated fiber pair between the customer premises and the serving wire center. UNI Port With Access Line Connection is only available where facilities and conditions permit.

(2) Network to Network Interface (NNI) Port Only Connection (N)

NNI Port Only Connections are available at the speed of 1000 Mbps. The TLS NNI Port Only configuration is used for connecting two networks together for bidirectional messaging and is available on a private basis only. Interoffice transport from a customer's serving wire center to the TLS switch is not included. Such transport, when required, is the responsibility of the customer and must be ordered separately from the appropriate section of this tariff.

Access to NNI Port Only Connections is provided via LAN Extension Service and is subject to the regulations, rates and charges specified in Section 7 of this tariff. (N)

(3) Interoffice Mileage (T)

If customer's normal serving wire center is not equipped with TLS equipment, customer may obtain service from a TLS equipped wire center by ordering interoffice mileage. Interoffice mileage charges will apply in addition to TLS UNI/NNI charges. The dB loss cannot exceed the maximum allowable range, as specified in Section 16.11 D.2 following.

The Telephone Company has no obligation to notify the customer when TLS equipment is deployed in customer's normal serving wire center or in a serving wire center that is closer to the customer's normal serving wire center. Should the customer decide to initiate a move of its TLS facilities when service becomes available in its normal serving wire center or a closer serving wire center, the regulations set forth in Section 16.11 E.6 following will apply.

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## ACCESS SERVICE

16. Packet Data Services (Cont'd)16.11 Transparent LAN Service (Cont'd)(B) Service Components (Cont'd)

## (4) Domain/LAN Extension Equipment Changes (T)

A domain change is the reassignment of the customer's computer data to different virtual LAN, at the customer's request. The change is accomplished via software changes in the Telephone Company's database.

LAN extension equipment changes, other than for maintenance or repair, involve the physical replacement of Telephone Company-provided network interface on an existing TLS access line, at the same location on the customer's premises.

## (5) Optional Features (T)

## (a) Customer Service Management (CSM)

CSM is an optional feature that provides customers with web-based reports. The reports give the customer the ability to extract "read-only" network traffic information, enabling them to monitor and manage their network performance. CSM is provide per customer domain or virtual LAN.

CSM is available where conditions and facilities permit.

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

(C) Technical Specifications

The technical specifications for TLS are delineated in IEEE802.3-2002.

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ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service (Cont'd)

(D) Terms and Conditions (Cont'd)

- (1) A typical 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 wire center. At subscription, the customer has an option of electing access lines at either 10 Mbps, 100 Mbps, or 1000 Mbps.
- (2) TLS is available to customers whose serving wire center is equipped with TLS equipment and whose location is within the maximum allowable range of the serving central office. The maximum dB loss cannot exceed 20dB @1310nm for 10 Mbps service, 26dB @1310nm for 100 Mbps service, 9.5dB @1330nm for 1000 Mbps, or 22dB @1550nm for 1000 Mbps depending on the customer's distance from the TLS equipped wire center.
- (3) TLS includes:

	<u>When Provided With</u>		(C)
	<u>UNI Interface</u>	<u>NNI Interface</u>	
Network Interface Device (NID) at Customer's Premises to terminate the fiber pair.	X		
Dedicated fiber pair from Customer's premises to the serving wire center.	X		
Network management including fault monitoring and diagnostics, performance and network configuration applications, and manual monitoring when necessary.	X	X	
A dedicated port on the switch.	X	X	
Interoffice mileage, where applicable.	X	X	
Optional features, if applicable.	X	X	(C)

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ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service (Cont'd)

(E) Application of Rates

The following rate elements are applicable to TLS:

- UNI Port With Access Line Connection
- NNI Port Only Connection (N)
- Interoffice Mileage
- Domain/LAN Extension Equipment Changes
- Optional Features
  - Customer Service Management (CSM)

(1) UNI Port With Access Line Connection

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 UNI Port With Access Line Connection 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 Port With Access Line Connection provided on a month-to-month basis.

(2) NNI Port Only

A monthly rate applies on a per port connection basis. The NNI Port Only Connection is offered on a 3 Year or 5 Year Term Plan. A nonrecurring charge applies to the installation of the NNI Port Connection.

(N)  
|  
(N)

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## ACCESS SERVICE

16. Packet Data Services (Cont'd)16.11 Transparent LAN Service (Cont'd)(E) Application of Rates (Cont'd)

## (3) Interoffice Mileage (T)

The Interoffice Mileage charge is applied per line 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 NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. No. 4. This monthly charge applies in addition to the applicable rates and charges for the TLS Access Line.

## (4) Domain/LAN Extension Equipment Changes (T)

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

## (5) Optional Features (T)

## (a) Customer Service Management (CSM)

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

## (6) Minimum Period (T)

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 (7.) following. (T)

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ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service (Cont'd)

(E) Application of Rates (Cont'd)

(7) Term Payment Plan (T)

The TLS UNI Port with Access Line Connection and NNI Port Only Connection are offered under a Term Payment Plan of month-to-month, 3 year or 5 year. (C)  
(C)

(8) Moves and Changes (T)

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. Early termination charges may be waived under the conditions specified in 16.11(E)(9)(d) following. (T)

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## ACCESS SERVICE

16. Packet Data Services (Cont'd)16.11 Transparent LAN Service (Cont'd)(E) Application of Rates (Cont'd)

## (9) Termination Liability (T)

- (a) In the event the service 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 in (b) below.

Termination liability will be 25% of the monthly recurring charge(s) (MRC) for the remainder of the term. For customers who entered into term plans prior to December 27, 2003, when there is a term plan less than the actual time the term plan has been in effect, the termination liability charge will be the lesser of: (C)

- (1) the difference between the discounted monthly rates resulting from the highest term plan commitment period that could be satisfied prior to the disconnection and the discounted monthly rates resulting from the term plan multiplied by the actual number of months the service has been in effect; or (C)
- (2) 25% of the monthly recurring charge(s) (MRC) for the remainder of the term. For example: (C)

$25\% \times \text{MRC} \times \# \text{ of Lines/Channels/Paths} \times \text{Remainder of Term} = \text{Termination Charge}$

- (b) Early termination charges will apply only to those rate elements under a term commitment period. If any 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.

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## ACCESS SERVICE

16. Packet Data Services (Cont'd)16.11 Transparent LAN Service (Cont'd)(E) Application of Rates (Cont'd)

## (9) Termination Liability (Cont'd)

(T)

## (c) End of Term Options

1. 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 for the same commitment period;
  - Commit to a new term period of shorter or longer duration;
  - Arrange for a change of service; or
  - Discontinue service.
2. 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.

## (d) Early termination charges will not be assessed under the following circumstances:

1. The customer moves its 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;
2. The customer attempts to move the existing service to a new location within the Company's service area, but the service is unavailable;
3. The customer converts a new term commitment plan for the same service before the current term commitment expires, and the dollar value of the new term commitment is equal to or greater than the remaining dollar value of the current term commitment; or
4. The customer changes to another service or upgrades service to a higher speed or capacity under a term commitment, provided the following conditions are met:

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16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service (Cont'd)

(E) Application of Rates (Cont'd)

(9) Termination Liability (Cont'd)

(T)

(d) (Continued)

4. (Continued)

- a. The dollar value of the new term commitment is equal to or greater than the remaining dollar value of the current term commitment,
- b. Both the existing and new services are provided solely by the Company; and
- c. 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.

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## ACCESS SERVICE

16. Packet Data Services (Cont'd)16.11 Transparent LAN Service (Cont'd)(F) Rates and Charges

	<u>USOC</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	
(1) TLS Port With Access Line Connection, per line				
(a) Month to Month Plan	LNHLX			
10 Mbps		\$1,300.00	\$1,200.00	
100 Mbps		1,300.00	3,000.00	
1000 Mbps		1,300.00	5,000.00	
(b) Three Year Plan	LNHL3			
10 Mbps		N/A	1,000.00	
100 Mbps		N/A	2,700.00	
1000 Mbps		N/A	4,500.00	
(c) Five Year Plan	LNHL5			
10 Mbps		N/A	900.00	
100 Mbps		N/A	2,500.00	
1000 Mbps		N/A	4,200.00	
(2) NNI Port Only Connection, per port				(N)
(a) Three Year Plan				
1000 Mbps	P9CB3	1,300.00	3,700.00	
(b) Five Year Plan				
1000 Mbps	P9CB5	1,300.00	3,500.00	(N)
(3) Interoffice Mileage, per line	1HOLS			(T)
Per Mile		N/A	100.00	
(4) Domain/LAN Extension Equipment Changes	NHCER	400.00	N/A	(T)
(5) Customer Service Management, per customer, Per Virtual LAN/Domain	NM9WX	350.00	150.00	(T)

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