

ACCESS SERVICE

CHECK SHEET

Title Page and Pages 1 to 301 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 17, 38, 58, 60, 64, 66, 67, 68, 69, 71, 73, 74, 75, 76, 77, 78, 79, 80, 81 and 82 contain all changes from the original tariff that are in effect on the date hereof.

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2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.2 Minimum Periods

The minimum period for which services are provided and for which rates and charges are applicable is one month except for those services set forth in 5.2.5(C), 7.4.4, 7.4.9, 9.4(A), 13.3.5(C)(1)(b), (c) and (d), 16.5, and 19.5 following. The minimum period for which service is provided and for which rates and charges are applicable for a Specialized Service or Arrangement provided on an individual case basis as set forth in 12. following, is one month unless a different minimum period is established with the individual case filing. (N)

When a service is discontinued prior to the expiration of the minimum period, charges are applicable, whether the service is used or not, as follows:

- (A) When a service with a one month minimum period is discontinued prior to the expiration of the minimum period, a one month charge will apply at the rate level in effect at the time service is discontinued.
- (B) When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, the applicable charge will be the lesser of (1) the Telephone Company's total nonrecoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period, unless otherwise specified under the terms of an Optional Payment Plan.

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2. General Regulation2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Credit Allowance for Service Interruptions (Cont'd)(B) When a Credit Allowance Applies (Cont'd)

- (7) For Switched Transport Entrance Facilities and Direct Trunked Transport, other than Voice Grade, for any CCSAC Signaling Link Channel Terminations and Mileage (fixed and per mile), OC-3, OC-12, OC-48 and OC-192 Special Access Services and Shared SONET Service, a Credit Allowance will be made for each occurrence of a Service interruption period of (1) one or more consecutive minutes. For MercNet 45 service a Credit Allowance will be made for each occurrence of a Service interruption period of (2) two or more consecutive hours. The credit allowance rate can only be applied once on a per calendar month, per circuit basis. The credit allowance is applied to the customer bill in addition to the existing monthly service rates for Switched Transport Entrance Facilities and Direct Trunked Transport and for MercNet 45 services and Shared SONET DS3 Service. The customer credit allowance is the monthly rate associated with the Switched Transport Entrance Facility and Direct Trunked Transport (fixed and per mile), and the CCSA signaling link channel terminations and mileage (fixed and per mile) charges in Section 6 of this tariff or the Special Access channel termination and mileage (fixed and per mile) charges and the Network Access Connection, Off-Network Access Connection and Service Area Network Access Connection and Service Area Transport charges in Section 7 of this tariff.

The credit allowance for LAN Advantage service is
Found in Section 19.2 of this tariff

(N)
(N)

- (8) When a Switched Access Direct Trunked facility, other than Voice Grade, experiences an interruption of service, a credit allowance will apply as described in 2.4.4(B)(7) presiding. However, when a customer who has both Direct Trunked and Access Tandem services to the same central office experiences a service interruption on the direct trunks, the customer will receive a credit based on the traffic that is diverted from the out-of-service facility to the tandem and charged at tandem rates.

The MOU credit will be derived by assuming 9000 MOU per trunk per month. Therefore, the daily credit would be limited to 300 MOU per trunk.

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2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Answer/Disconnect Supervision

The term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination as an indication that the called party has answered or disconnected.

Assignable Space

Space intended for occupancy either by Interconnector equipment required for telecommunications operations or the personnel required maintain that equipment.

Asynchronous Transfer Mode

Asynchronous Transfer Mode means a high-speed, cell-based, connection-oriented, packet transmission protocol for handling data with varying bursts and bit rates.

(N)

(N)

Attenuation Distortion

The term "Attenuation Distortion" denotes the difference in loss at specified frequencies relative to the loss at 1004 Hz, unless otherwise specified.

Automatic Number Identification (ANI)

The term "Automatic Number Identification (ANI)" denotes the provision of automatic transmission of a seven or ten digit number and information digits to the customer's premises for calls originating in the LATA, to identify the calling station. Also see "Flexible Automatic Number Identification".

Balance (100 Type) Test Line

The term "Balance (100 Type) Test Line" denotes an arrangement in an end office which provides for balance and noise testing.

Bit

The term "Bit" denotes the smallest unit of information in the binary system of notation.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Decibel Reference Noise C-Message Weighting

The term "Decibel Reference Noise C-Message Weighting" denotes noise power measurements with C-Message Weighting in decibels relative to a reference 1000 Hz tone of 90 dB below 1 milliwatt.

Demarcation Point

Demarcation Point means the point of physical separation of CBT's network, and associated responsibilities, from Customer's network and associated responsibilities. The location of the Demarcation Point shall be the physical interface for LAN Advantage service presented by CBT to Customer.

(N)

(N)

Design and Construction Work

All work by the Telephone Company, including but not limited to, space design and preparation, the rearrangement of existing facilities, design and construction of Partitioned Space enclosure, design and placement of required support structure or any other activity required to accommodate the installation of Interconnector's facilities in the Telephone Company's space(s) covered under this tariff. Similar work required or requested by Interconnector after initial installation solely because of the existence of the Interconnector's Facilities shall be referred to as "Additional Design and Construction", and shall be at Interconnector's expense.

Destination Point Code

The term "Destination Point Code" denotes the routing label that identifies where the CCS/SS7 signaling message should be sent

Detail Billing

The term "Detail Billing" denotes the listing of each message and/or rate element for which charges to a customer are due on a bill prepared by the Telephone Company.

Direct - Trunked Transport Facility

The term "Direct-Trunked Transport Facility" denotes a Switched Transport facility between a customer's premises serving wire center and an end office or between a customer's serving wire center and an access Tandem(C) that provides a customer with dedicated switched access transport.

Directory Assistance (Interstate)

The term "Directory Assistance" denotes the provision of telephone numbers by a Telephone Company operator when the operator location is accessed by a customer premises by sending the appropriate signals, i.e. off-hook, 555-1212 or (NPA) 555-1212.

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ACCESS SERVICE2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Ethernet LAN

(N)

Ethernet LAN means a type of LAN whereby a workstation on the LAN, prior to sending a message to another workstation on the LAN, "listens" to determine if any other workstation is sending a message. If the first workstation "hears" no other messages being sent, it is permitted to send a message. If two or more workstations begin sending messages simultaneously, then each workstation ceases sending the message and a pre-set amount of time must elapse before either workstation may attempt to send again. Ethernet LAN meets IEEE standards 802.3 and 802.3u and operates at a variety of speeds.

(N)

Equal Level Echo Path Loss

The term "Equal Level Echo Path Loss" (ELEPL) denotes the measure of Echo Path Loss (EPL) at a 4-wire interface which is corrected by the Difference between the send and receive Transmission Level Point (TLP).
[ELEPL = EPL - TLP (send) + TLP (receive)]

Excess Burst Size (EBS)

The maximum amount of uncommitted data exceeding the CBS that the network will attempt to deliver during one second.

Exchange

The term "Exchange" denotes a unit generally smaller than a Local Access and Transport Area, established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given Local Access and Transport Area.

Expected Measured Loss

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 1004-Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Metropolitan Area Network (MAN)

(N)

Metropolitan Area Network (MAN) means a network connecting computers and other peripheral equipment for data communications over a larger geographical area than a LAN, usually within a city or region.

(N)

Milliwatt (102 Type) Test Line

The term "Milliwatt (102 Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurements towards the customer's premises from the Telephone Company end office.

Mobile Telephone Switching Office

The term "Mobile Telephone Switching Office" denotes a Cellular Mobile Carrier switching system that is used to terminate mobile stations for purposes of interconnection to each other and to trunks interfacing with the public switched network.

Native Mode

(N)

"Native Mode" of a LAN means the operating speed of the communication on the originating or terminating LAN.

LAN Advantage

"LAN Advantage" means the engineering, configuration, installation, maintenance and repair services provided by CBT to Customer necessary to interconnect multiple LANs to form a MAN for data transmission.

(N)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Pre-Construction Survey

The work activities performed by the Telephone Company in order to process an application for occupancy to the point just prior to performing any necessary Design and Construction Work. There are three elements of the Pre-Construction Survey:

1. Engineering record search and review to determine availability of Partitioned Space, Cable Space, Conduit Space and Power;
2. Inspection of Serving Wire Center premises and conduit to verify available space and determine the requirements of the Design and Construction Work; and
3. Administrative activities required to process the application.

Presubscribed Interexchange Carrier Charge (PICC)

Presubscribed Interexchange Carrier Charge (PICC) is a monthly charge assessed to interexchange carriers based upon the end user's presubscription to an interexchange carrier. End users not presubscribed to an interexchange carrier will be assessed PICC charges.

Power, D.C.

Nominal 48-volt power derived from the Telephone Company's rectifier and battery DC plant voltage with generator back-up. D.C. Power can vary between 54.00 volts (high voltage shutdown) and 44.64 volts (5E shutdown). Normal plant float voltage is 52.08 volts.

Premises

The term "Premises" denotes a building or a portion of a building in a multitenant building, or buildings on continuous property (except Railroad Right-of-Way, etc.) not separated by a public highway.

Primary IC (PIC)

The term "Primary IC" (PIC) denotes a customer designated Interexchange Carrier (IC). The PIC is designated by the customer on a signed Letter of Authorization (LOA) or verbally through the Business Service Center. The PIC allows a customer to access interLATA calls without dialing an access code.

Protected Ports

Protected Ports" provides customers with a primary and secondary port in both the central office and at the customer's location, which enables traffic to recover to a secondary route automatically in the event of a primary route failure, therefore protecting all of the customer's data.

(N)
|
(N)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Virtual LAN (VLAN)

(N)

The term Virtual LAN (VLAN) denotes a static logical connection used for point-to-multipoint, and multipoint-to-multipoint. VLANs support long-term ongoing connections between data terminal equipment. Permanent Logical paths are assigned exclusively to each VLAN in the network.

VLAN Tagging

The Term VLAN tagging denotes a way to label different traffic types so they may be differentiated from one another. VLAN Tagging can allow for different service levels for different traffic types.

(N)

WATS Serving Office

The term "WATS Serving Office" denotes a telephone company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.11 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service - Point-to-Point Service (Cont'd)(B) Channel Configuration (Cont'd)(3) Optional Features and Functions (Cont'd)

ADD/DROP Function

	DS1	DS3	OC3	OC12	OC48	OC192	10mg	1000mg	GigE
OC-192	No*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OC-48	No*	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes
OC-12	No*	Yes	Yes	Yes	N/A	N/A	Yes	Yes	Yes
OC-3	Yes	Yes	Yes	N/A	N/A	N/A	Yes	Yes	Yes

(N)

(N)

* to add/drop a DS1 from an OC-12 OC-48 and/or OC-192, an Optical to Electrical DS1 Add/Drop Capability must be purchased as well as an OC-3 Add/Drop Function and a DS1 Add/Drop Function.

(c) OC-3, OC-12, OC-48 and OC-192 Cross-Connection

This is an arrangement to cross-connect OC-3 Service, OC-12 Service, OC-48 Service, or OC-192 Service to another service or to an add/drop function of the same speed at a wire center for the same or for a different customer on a per circuit basis. The customer must purchase service to the wire center from his designated premise. One charge applies per service cross-connected.

(d) Optical to Electrical DS1 Add/Drop Capability

his option allows an electrical DS1 to be derived From an OC-12 OC-48 or OC-192 by using this capability To add/drop the electrical DS1 from an OC-3 add/drop function. The OC-3 add/drop function must be purchased separately.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.8 Shared Use High Capacity Services and OC-3, OC-12, and OC-48 Services (Cont'd)

Switched Access Service rates and charges as set forth in 6.8 preceding will apply for each channel of the shared use facility that is used to provide a Switched Access Service including CCSAC signaling connections. The ordering, provisioning and rating of Switched Access Shared Use facilities is set forth in 6.7.14 preceding. Where Special Access Service is provided utilizing a channel of the shared use facility to a Hub, High Capacity and OC Service rates and charges will apply for the facility to the Hub as set forth preceding and individual service rates and charges will apply from the Hub to the customer designated premises. The rates and charges that will apply to the portion from the Hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, Telegraph, etc.) The applicable rates and charges will include a Channel Termination and Channel Mileage, if applicable. Rates and charges for optional features and functions associated with the service, if any, will apply as set forth in 7.5 following.

7.4.9 Payment Plans for Frame Relay Service, Digital Data Service, MercNET 45, 1.544 High Capacity Services, OC Services, Shared SONET Service and LAN Advantage Service.

(N)

The Optional Payment Plan (OPP) is a provision that allows a customer to pay a fixed rate for specific Frame Relay Service, Digital Data Service, MercNET 45, 1.544 High Capacity Service, OC-3, OC-12, OC-48, OC-192 Services, Shared SONET and Native Mode LAN Service over a 36 or 60 month payment period. During the effective term, monthly rates for services installed Under this arrangement will not be subject to Telephone Company initiated rate changes.

(N)

Frame Relay Service, Digital Data Service, MercNET 45, and 1.544 High Capacity, OC-3, OC-12, OC-48 and OC-192 Service rates, Shared SONET Service and LAN Advantage charges for which the OPP is available are listed in 7.5.8, 7.5.9, 7.5.12, 7.5.13, 7.5.14, 18.6 and 19 following.

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.4 Rate Regulations (Cont'd)7.4.9 Payment Plans for Frame Relay Service, Digital Data Service, MercNET 45, 1.544 High Capacity Service, OC Services, Shared SONET Service and LAN Advantage Service (Cont.) (N)

Customers subscribing to the OPP will be subject to nonrecurring charges as specified in 7.4.1(C), 7.5.8(A) and 7.5.9(A) for installation and rearrangements of services covered by the plan. The nonrecurring charges will not be spread over the OPP term.

During a customer's OPP/DCP term, the customer shall pay current rates provided they do not exceed the original rate contracted for by the customer. Conversion of service may be made to a new OPP/DCP term of the same or different length or to a higher speed service or to the same or higher speed Shared SONET service. If the expiration date for the new service or OPP/DCP term is beyond the end of the original OPP/DCP term, the remaining OPP/DCP charges for the original term will not apply.

At the expiration of the OPP term and if the customer wishes to continue Frame Relay Service, Digital Data Service, MercNET 45, 1.544 High Capacity Service, and OC-3, OC-12, OC-48, OC-192 Services, Shared SONET Service and LAN Advantage, the customer may elect: (N)

- Prevailing month-to-month tariff rates
- A new OPP at the prevailing OPP rate, if available

The customer continues to receive the OPP rate on a month-to-month basis for a period of up to six months following the completion of the term. After the six months, the rates will automatically revert to the month-to-month rates.

During an OPP term, a customer may move one Channel Termination service to another location while keeping the OPP in force, provided the customer and customer's end user remain the same and no lapse in service occurs.

The Minimum Period for service provided under an OPP is the same as the OPP term selected by the customer (i.e. 36 or 60 month payment period). The Minimum Period for service provided under the month-to-month payment arrangement is 36 months for OC-3, OC-12, and OC-48 Dedicated Ring Services, 12 months for Metallic Service, Voice Grade Service, DDS Service, 1.544 High Capacity Service, Frame Relay Service, MercNET 45 Service, OC-3, OC-12, OC-48 and OC-192 Point-to-Point Services, Shared SONET Service and LAN Advantage. (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.9 Payment Plans for Frame Relay Service, Digital Data Service, MercNET 45, 1.544 High Capacity Service, OC Services, Shared SONET Service and LAN Advantage Service. (Cont'd

(N)

Customers requesting termination of service prior to the expiration date of the Minimum Period will be liable for payment of a Minimum Period Charge. The Minimum Period Charge applies to all features associated with a service. The Minimum Period Charge for all OPP terms will be calculated as follows:

- Customers with a 12 month OPP would pay a charge equal to the total of the remaining months of the OPP contract. The Termination rate calculation is:

[12 months - months in service] X 12 month OPP monthly rate.

- Customers with a 36 month OPP would pay a charge equal to the total of the remaining months of the OPP contract. The Termination rate calculation is:

[36 months - months in service] X 36 month OPP monthly rate.

- Customers with a 60 month OPP would pay a charge equal to the total of the remaining months of the OPP contract. The Termination rate calculation is:

[60 months - months in service] X 60 month OPP monthly rate.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.9 Payment Plans for Frame Relay Service, Digital Data Service, MercNET 45, 1.544 High Capacity Service, OC Services, Shared SONET Service, and LAN Advantage Service (Cont'd) (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.12 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service- Point-to-Point Services(A) OC-3 Service*

	USOC	Monthly	Recurring Charges	
			Optional Payment Plan	
			36 Mo.	60 Mo.
(1) Channel Termination				
- Per Point of Termination Terminating Bit				
Rate 155.52 Mbps (DS1, DS3 Drops)	TMECS	\$1,430.00	\$1,300.00	\$1,180.00
(1A) Channel Termination**				
- Per Point of Termination Terminating Bit				
Rate 155.52 Mbps (OC-3 Drops)	TMECX	2,900.00	2,700.00	2,500.00
(2) Channel Mileage				
- Fixed	1L5XX	440.00	420.00	400.00
- Per mile at 155.52 Mbps	1L5XX	250.00	200.00	150.00
(3) Optional Features and Functions				
(a) OC-3 Add/Drop Multiplexing				
- Per Arrangement	MXRCX	1,050.00	995.00	980.00
(b) Add/Drop Function				
- Per 100mg	MXJKX	250.00		(N)
- Per 10mg	MXJLX	80.00		(N)
- Per OC-3	MXJCX	250.00		
- Per DS3	MXJBX	80.00		
- Per DS1	MXJAX	45.00		
(c) ISP Connection	LVP	100.00	100.00	100.00 (N)
(d) Private Virtual Circuit/VLAN	PVCAX	40.00	40.00	40.00 (N)

* One Year Minimum on all features and functions.

** Grandfathered beginning March 2, 2005. Current customers may maintain their service rate structure until their contract expires. Customers may convert to new rate structure at no charge during their contract term.

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ACCESS SERVICE7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.12 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service
- Point-to-Point Services (Cont'd)(B) OC-12 Service*

	USOC	Monthly	Recurring Charges Optional Payment Plan	
			36 Mo.	60 Mo.
(1) Channel Termination				
- Per Point of Termination Terminating Bit				
Rate 622.08 Mbps (DS1, DS3, OC-3 Drops)	TMECS	\$2,900.00	\$2,600.00	2,445.00
(1A) Channel Termination**				
- Per Point of Termination Terminating Bit				
Rate 622.08 Mbps (OC-12 Drops)	TMECX	4,500.00	4,250.00	4,000.00
(2) Channel Mileage				
- Fixed	1L5XX	650.00	625.00	600.00
- Per mile at 622.08 Mbps	1L5XX	250.00	200.00	150.00
(3) Optional Features and Functions				
(a) OC-12 Add/Drop				
- Per Multiplexing Arrangement	MXRDX	2,460.00	2,092.00	1,720.00
(b) Add/Drop Function				
- Per 100mg	MXJKX	250.00		(N)
- Per 10mg	MXJLX	80.00		(N)
- Per OC-12	MXJEX	450.00		
- Per OC-3	MXJCX	150.00		
- Per DS3	MXJBX	80.00		
(c) ISP Connection	LVP	100.00	100.00	100.00 (N)
(d) Private Virtual Circuit/VLAN	PVCAX	40.00	40.00	40.00

* One Year Minimum on all features and functions.

** Grandfathered beginning March 2, 2005. Current customers may maintain their service rate structure until their contract expires. Customers may convert to new rate structure at no charge during their contract term.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.12 OC-3 Service, OC-12 Service, OC-48 and OC-192 Service- Point-to-Point Services (Cont'd)(C) OC-48 Service*

		Recurring Charges Optional Payment Plan			
		USOC	Monthly	36 Mo.	60 Mo.
(1) Channel Termination					
- Per Point of Termination					
Terminating Bit					
Rate 2488.32 Mbps	TMECS**		\$6,000.00	\$5,000.00	\$4,000.00
	TMECZ		8,500.00	7,500.00	6,500.00
(2) Channel Mileage					
- Fixed	1L5XX		1,625.00	1,562.50	1,500.00
- Per mile at					
2488.32 Mbps	1L5XX		250.00	200.00	150.00
(3) Optional Features and Functions					
(a) OC-48 Add/Drop Multiplexing					
- Per Arrangement (not to exceed 12 DS3s or equivalent)	MXRFX**		975.00	850.00	730.00
Multiplexing	MXCZX		3,900.00	3,400.00	2,920.00
(b) Add/Drop Function					
- Per GigE	MXJJX		1,000.00		(N)
- Per 100mg	MXJKX		250.00		(N)
- Per 10mg	MXJLX		80.00		(N)
- Per OC-48	MXJFX		1,000.00		
- Per OC-12	MXJEX		560.00		
- Per OC-3	MXJCX		305.46		
- Per DS3	MXJBX		80.00		
(c) ISP Connection	LVP		100.00	100.00	100.00 (N)
(d) Private Virtual Circuit/VLAN	PVCAX		40.00	40.00	40.00 (N)

* One Year Minimum on all features and functions.

** Grandfathered beginning July 1, 2004. Current customers may maintain their service rate structure until their contract expires. Customers may convert to new rate structure at no charge during their contract term.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.12 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service
- Point-to-Point Services (Cont'd)(C) OC-192 Service

		Recurring Charges Optional Payment Plan			
		USOC	Monthly	36 Mo.	60 Mo.
(2) Channel Termination					
- Per Point of Termination Terminating Bit Rate 9953.28 Mbps	TMECS		\$17,000.00	\$15,000.00	\$13,000.00
(2) Channel Mileage					
- Fixed	1L5XS		3,250.00	3,125.00	3,000.00
- Per mile at 9953.28 Mbps	1L5XS		250.00	200.00	150.00
(3) Optional Features and Functions					
(a) OC-192 Add/Drop Multiplexing					
- Per Arrangement	MXRGX		7,800.00	6,800.00	5,840.00
(b) Add/Drop Function					
- Per GigE	MXJJX		1,000.00		(N)
- Per 100mg	MXJKX		250.00		(N)
- Per 10mg	MXJLX		80.00		(N)
- Per OC-192	MXJ9X		2,000.00		
- Per OC-48	MXJFX		1,000.00		
- Per OC-12	MXJEX		560.00		
- Per OC-3	MXJCX		305.46		
- Per DS3	MXJBX		80.00		
(c) ISP Connection	LVP		100.00	100.00	100.00 (N)
(d) Private Virtual Circuit/VLAN	PVCAX		40.00	40.00	40.00 (N)

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.12 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service
- Dedicated Ring (Cont'd)*

(C)	Ports Per Node	USOC	36 Mo.	60. Mo.	
	DS1 at OC-3 Node	SPRAX	\$ 50.00	\$ 45.00	
	DS3 at OC-3 Node	SPRBX	80.00	70.00	
	OC-3 at OC-3 Node	SPRDX	250.00	240.00	
	10mg at OC-3 Node	SPRNX	80.00	70.00	(N)
	100mg at OC-3 Node	SPROX	150.00	135.00	(N)
	DS3 at OC-12 Node	SPRCX	80.00	70.00	
	OC-3 at OC-12 Node	SPREX	150.00	135.00	
	DS1 at OC-12 Node**	SPRGX	50.00	45.00	
	OC-12 at OC-12 Node	SPRFX	450.00	405.00	
	10mg at OC-12 Node	SPRRX	80.00	70.00	(N)
	100mg at OC-12 Node	SPRSX	150.00	135.00	(N)
	OC-12 at OC-48 Node	SPRHX	375.00	360.00	
	OC-3 at OC-48 Node	SPRJX	150.00	135.00	
	DS3 at OC-48 Node	SPRKX	80.00	70.00	
	DS1 at OC-48 Node**	SPRLX	50.00	45.00	
	OC-48 at OC-48 Node	SPRMX	1,000.00	900.00	
	10mg at OC-48 Node	SPRVX	80.00	70.00	(N)
	100mg at OC-48 Node	SPRWX	150.00	135.00	(N)
	GigE at OC-48 Node	SPRPX	1,000.00	900.00	(N)
	OC-3 at OC-192 Node	S9NEX	150.00	135.00	
	OC-12 at OC-192 Node	S9NGX	375.00	350.00	
	OC-48 at OC-192 Node	S9NJX	1,000.00	900.00	
	OC-192 at OC-192 Node	SPR9X	2,000.00	1,800.00	
	DS3 at OC-192 Node	SPRXX	80.00	70.00	
	DS1 at OC-192 Node	SPR1X	50.00	45.00	
	10mg at OC-192 Node	SPRVX	80.00	70.00	(N)
	100mg at OC-192 Node	SPRWX	150.00	135.00	(N)
	GigE at OC-192 Node	SPRPX	1,000.00	900.00	(N)
	ISP Connection	LVP	100.00	100.00	(N)
	Private Virtual Circuit/VLAN	PVCAX		40.00	
40.00	(N)				
(D)	Mileage Per mile between nodes by ring type				
	OC-3	1A5BS	200.00	150.00	
	OC-12	1A5BS	200.00	150.00	
	OC-48	1A5BS	200.00	150.00	
	OC-192	1A5BS	200.00	150.00	
(E)	Optical to Electrical DS1 Add/Drop Capability Per OC-3 to DS1 Add/Drop	MXJDX	1,200.00	1,100.00	

* Three Year Minimum on all features and functions.

** Optical to Electrical DS1 add/drop capability as shown in 7.2.12
is needed along with an OC-3 port. (Not available with OC-192 Dedicated Ring
Service).

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Vice President
201 East Fourth Street

Cincinnati, Ohio 45202

ACCESS SERVICE

19. LAN Advantage

(N)

19.1 Service Description

LAN Advantage Service is an end-to-end high-speed data transport service which customers use for LAN interconnection and/or high-speed Internet access.

19.2 Service Provisioning

CBT will provide LAN Advantage service for one or more of the following types of Ethernet LANs: Ethernet LANs operating at speeds of 10 Mbps, 100 Mbps and 1000 Mbps (Gigabit).

LAN Advantage will be available 24 hours per day, 7 days per week, except as required to update, enhance, maintain and/or repair LAN Advantage. CBT reserves the right to perform these tasks, as needed, during off-peak hours, normally on Sundays from 12:00 a.m. to 6:00 a.m.

At the request of Customer CBT will interconnect one or more additional LANs owned by Customer to the LANs interconnected pursuant to this Tariff so long as such additional LANs are of the same type as the LANs interconnected hereunder. (e.g., An Ethernet LAN may only be extended to another Ethernet LAN but may be at a different speed.)

Unless otherwise agreed in writing, CBT will provide LAN Advantage service for data transmission only.

The electrical signals of LAN Advantage operate in compliance with the following American National Standard Institute ("ANSI") or IEEE standards for Ethernet LANs operating at speeds of 10 Mbps, 100 Mbps and 1000 Mbps (Gigabit), IEEE Standards 802.3 and 802.3u (Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications).

LAN Advantage supports the following interfaces: (i) for Ethernet LANs operating at speeds of 10 Mbps, 10 Base T and AUI or 100 Mbps, 100 Base T; and (ii) for Ethernet LAN's operating at a Native Mode of 1000 Mbps (Gigabit), SX or LX Gigabit Interface Connectors.

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19. LAN Advantage

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19.2 Service Provisioning (Cont)

CBT will use its best efforts to repair any inoperable LAN Advantage port within 4 hours after Customer has notified CBT that such port is inoperable. If such port remains inoperable for more than 8 hours after Customer has notified CBT that such port is inoperable, CBT will credit Customer's account for an amount equal to one-thirtieth (1/30) of the applicable monthly charge for such port. The same credit will apply for each additional 8-hour period that the port remains inoperable. The total amount of all credits for any one inoperable port will not exceed the monthly port charge for such inoperable port. The credit referred to herein shall be CBT's entire liability and Customer's exclusive remedy for any damages resulting from such inoperable port.

Without the prior written consent of CBT, Customer will not access, or attempt to access, any equipment or facilities furnished by CBT in connection with this Tariff. Customer will indemnify and hold harmless CBT, its officers, directors, employees and agents, from and against any loss or expense, of whatever nature, arising out of any unauthorized access to any equipment or facilities furnished by CBT in connection with this Tariff.

All equipment and facilities used by CBT in providing LAN Advantage hereunder will remain the sole property of CBT, whether or not attached to or embedded in reality, unless otherwise agreed to in writing by the parties with respect to specific equipment.

Customer agrees that any technical, financial or business information of CBT furnished to Customer in connection with this Agreement is confidential and proprietary to CBT, shall remain the property of CBT at all times and shall be returned to CBT upon request.

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19. LAN Advantage19.3 Obligations of the Customer

(N)

CBT will not be responsible for damages, malfunctions or failures caused by (a) Customer's failure to follow any operation or maintenance instructions provided by CBT to Customer; (b) Customer's repair, modification to or relocation of equipment used to provide service hereunder, or attachment of equipment not approved by CBT; and (c) abuse, misuse or negligent acts of Customer. Customer may request CBT to perform repair service for Customer in such instances on a time-and-materials basis.

Customer will furnish, at its expense, such space, electrical power and environmental conditioning at Customer's premises as CBT may reasonably require in connection with performing its obligations hereunder. Customer will permit CBT reasonable access to Customer's premises, in accordance with Customer's normal security procedures, in connection with providing service hereunder.

Customer will provide, install and maintain, at its expense, all equipment and facilities necessary for LAN interconnection on the Customer's side of the Demarcation Point. Customer shall be responsible for insuring that the operating characteristics of such equipment and facilities are compatible with CBT's LAN Advantage and conform to the Technical Reference Specifications furnished by CBT to Customer in connection with this Tariff.

Customer will cause its electrical signals at the Demarcation Point to conform to the applicable ANSI or IEEE standards set forth in Section 8, above. Any additional equipment or facilities necessary to comply with such standards shall be furnished by Customer at its expense.

Prior to requesting repair service from CBT, Customer will use its best efforts, including but not limited to performing reasonable diagnostic tests, to verify whether any trouble with The LAN Advantage service is a result of the Customer's equipment or facilities. Customer shall be responsible for any such trouble resulting from the Customer's equipment or facilities. Customer will cooperate with any joint testing of LAN Advantage reasonably requested by CBT.

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19. LAN Advantage

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19.4 Rate Regulations

The rates and charges set forth for LAN Advantage Service provide for the furnishing of service where suitable facilities are available. Where special construction of facilities is necessary, special construction charges may apply.

At locations where Customer provides power to CBT, CBT is not responsible for out of service conditions caused by power outages.

Customer shall pay CBT for LAN Advantage service at the applicable monthly rate for the type of LAN Advantage service, selected by the Customer, as indicated in Section D. In addition, Customer shall pay to CBT the applicable per port nonrecurring charge set forth in Section D.

If Customer cancels, in whole or in part, any requested addition, rearrangement, relocation or other modification to LAN Advantage prior to completion thereof, Customer will reimburse CBT for the actual expenses incurred by CBT in connection with such modification prior to CBT's receipt of notice of cancellation; provided, however, the amount of such reimbursement will not exceed the service, construction, installation, termination and other charges for which Customer would have otherwise been responsible.

LAN Advantage is available for a minimum term of 12 months or under a term payment plan of 36, or 60 months. If a Customer terminates a service, without cause, prior to the expiration of the term, the Customer will pay to CBT a termination charge equal to all remaining amounts due or to become due, including but not limited to all monthly charges for which Customer would have been responsible if the Customer had not terminated prior to the end of the applicable 12, 36, or 60-month term payment plan.

If Customer removes one or more ports from service prior to the expiration of the term hereof, Customer will pay to CBT a termination charge equal to all monthly charges for such port(s) for which Customer would have been responsible had Customer not removed such port(s).

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19. LAN Advantage

(N)

19.4 Rate Regulations

Upon completion of the term payment plan contract the customer may renew their contract at the current, tariffed rates. If customer does not renew their contract prior to the expiration date and does not elect to discontinue LAN Advantage service, CBT will furnish LAN Advantage to the Customer as specified in the contract on a month-to-month basis at the current, monthly tariffed rates (which will be subject to company initiated rate changes).

If customer elects a new term payment plan, prior to the expiration of their current contract, the monthly charges will be adjusted to the current tariffed rates in effect at the time of renewal. There will be no credits or refunds made to the Customer for payments made under the previous contract term, but nonrecurring charges will not be reapplied. If Customer reduces the number of ports in service, then termination charges will be applied for the removed service. Customer may not elect a term payment plan that is shorter than the remainder of the current term payment plan.

Within like service types, customer may upgrade to a higher speed service or downgrade to a lower speed service without incurring termination charges.

Customer may add additional ports to its LAN Advantage service at the rates in effect at the time of such addition pursuant to the LAN Advantage tariff, respectively, provided CBT has sufficient existing equipment. If sufficient equipment capacity or outside plant facilities are not available, Customer will be responsible for any special construction or other charges required to add such additional port(s) to its LAN Advantage service.

If the customer adds additional ports to its LAN Advantage service and the contract period for the initial port has not expired, then the following applies: a) the contract period selected for an additional port must be equal to or shorter than the remaining contract for the initial port or b) the contract period for the initial port will be extended to be coterminous with the contract period selected for the additional port.

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19. LAN Advantage

(N)

19.4 Rate Regulations

The customer must subscribe to the initial port in order to subscribe to an additional port. If the initial port is terminated at a customer's location, then all LAN Advantage service will be terminated at that location unless customer wants to re-specify one of the additional ports as the initial port with the appropriate rates applied. An additional port can be terminated without terminating the initial port to a customer's location.

Additional port discounts do not apply to different customers at the same location.

Customer may move the location of its LAN Advantage service to a location where sufficient central office capacity and outside plant facilities are available and retain the current monthly rates, but initial nonrecurring charges will be reapplied. The termination charges specified in Paragraph 17, are applicable if Customer terminates because of a move to a location where sufficient central office capacity or outside plant facilities are not available.

Customer has the option of purchasing Diverse Central Office capability for LAN Advantage service.

Customer has the option of providing their own premises Equipment or purchasing the Premises Equipment from the Company. Rates are shown in Section 19.5 following.

Customer has available option of purchasing redundant Premise Equipment if the Customer has purchased Premise Equipment from the Company. Rates are shown in Section 19.5 following.

Protected LAN Advantage gives customers protection from equipment and network failure by designating a circuit with primary and secondary fiber pairs and network facing equipment redundancy. Each fiber pair terminates into its own individual port both at the central office switch and at the Company owned customer-premises equipment, giving each fiber pair its own connection to the LAN Advantage network. In the event of a primary connection failure, traffic will automatically reroute to the secondary connection. The customer-owned equipment plugs directly into the LAN Advantage circuit by a standard, single Ethernet port. The design does not include geographic fiber route diversity, location, or dual customer hand-offs.

Unprotected Lan Advantage is the standard LAN Advantage service.

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19. LAN Advantage

(N)

19.5 Rates and Charges

Electrical Port Type (Per Port)

	Nonrec	Monthly Rate			
<u>Type of Service</u>	<u>Charge</u>	<u>Monthly</u>	<u>36 Mo.</u>	<u>60 Mo.</u>	<u>USOC</u>
Unprotected Ports					
10 Mbps Ethernet LAN					
(Per Initial port)	1000.00	900.00	837.00	792.00	LVZAU
(Per Add'l port)	500.00	250.00	232.50	220.00	LVZBU
100 Mbps Ethernet LAN					
(Per Initial port)	1000.00	1800.00	1674.00	1584.00	LVZA1
(Per Add'l port)	500.00	750.00	697.50	660.00	LVZB1
1 Gbps Ethernet LAN					
(Per Initial port)	1500.00	3500.00	3255.00	3080.00	LVZAO
(Per Add'l port)	1500.00	3500.00	3255.00	3080.00	LVZBO
Protected Ports					
10 Mbps Ethernet LAN					
(Per Initial port)	1000.00	1500.00	1395.00	1320.00	LVZC1
(Per Add'l port)	500.00	250.00	232.50	220.00	LVZC2
100 Mbps Ethernet LAN					
(Per Initial port)	1000.00	2500.00	2325.00	2200.00	LVZD1
(Per Add'l port)	500.00	750.00	697.50	660.00	LVXD2
1 Gbps Ethernet LAN					
(Per Initial port)	1500.00	4500.00	4185.00	3960.00	LVZE1
(Per Add'l port)	1500.00	4500.00	4185.00	3960.00	LVZE2

Note 1: Nonrecurring charge applies when VLAN is installed subsequent to a port installation.

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19. LAN Advantage

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19.6 Rates and Charges(Cont.)

Optional Features

<u>Type of Service</u>	<u>Nonrec Charge</u>	<u>Monthly Rate</u>	<u>36 Mo.</u>	<u>60 Mo.</u>	<u>USOC</u>
PVC/LAN Connection	100.00	40.00	40.00	40.00	LVZMX
ISP Connection	100.00	100.00	100.00	100.00	LVP
Diverse Central Office/VLAN	NA	500.00	500.00	500.00	DCOXX
Redundant LAN Equipment	NA	500.00	500.00	500.00	RPE11

Note 1: Nonrecurring charge applies when PVC is installed subsequent to a port installation.

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20. Rate Zone Wire Centers

(T) (M)

20.1 General

(T)

This section contains a list of each wire center that has been assigned to a rate zone. Rate zones are applicable to the services specified in Sections 6.7.5 and 7.4.3. This table lists by study area wire centers assigned to Rate Zones 1, 2, and 3.

Wire Center Zone Assignments

<u>Rate Zone</u>	<u>CLLI</u>	<u>Wire Center Name</u>
1	CNCNOHWS	WEST SEVENTH ST.
2	CNCNOHAV	AVONDALE
2	CVTNKYCN	COVINGTON
2	RILTOHCS	CRESCENTVILLE
2	EVDLOHEV	EVENDALE
2	FLRNKYFL	FLORENCE
2	GLDLOHGD	GLENDALE
2	HMTNOHHM	HAMILTON
2	MTGMOHMO	MONTGOMERY
2	RSMYOHRO	ROSSMOYNE
3	ALXNKYAL	ALEXANDRIA
3	BATVOHBA	BATAVIA
3	BETHOHBE	BETHEL
3	BURLKYBN	BURLINGTON
3	BTLRKYBR	BUTLER
3	CNCNOHCD	COVEDALE
3	CHGVOHCG	CHERRY GROVE
3	CHVTOHCH	CHEVIOT
3	CRTDKYCT	CRITTENDEN
3	FRFDOHFF	FAIRFIELD
3	FLMOKYFM	FLAMOUTH
3	FTTHKYFT	FORT THOMAS
3	GLCOKYGC	GLENCOE
3	GRSBOHGR	GROESBECK
3	GSHNOHGS	GOSHEN
3	CNCNOHHP	HYDE PARK
3	HRSNOHHR	HARRISON
3	HMLTOHHT	HAMLET
3	CNCNOHWW	HARTWELL
3	INDPKYIN	INDEPENDENCE
3	LVLDOHLO	LOVELAND
3	LKPCKYLP	LAKESIDE PARK
3	CNCNOHMA	MADISONVILLE
3	MLFROHMF	MILFORD

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20. Rate Zone Wire Centers (Cont'd)

(T)(M)

20.1 General (Cont'd)

(T)

Wire Center Zone Assignments (Cont'd)

<u>Rate Zone</u>	<u>CLLI</u>	<u>Wire Center Name</u>
3	MTHTOHMH	MOUNT HEALTHY
3	MMTPOHMM	MIAMI
3	CNCNOHMH	MOUNT WASHINGTON
3	NWVLOHNE	NEWTONSVILLE
3	GRHLOHNG	NORTH GREENHILLS
3	NWMDOHNH	NEW RICHMOND
3	CNCNOHNS	NORTHSIDE
3	NRWDOHNW	NORWOOD
3	CNCNOHPH	PRICE HILL
3	RELYOHRE	REILY
3	STBROHSB	ST. BERNARD
3	SHNDOHSH	SHANDON
3	SVMLOHSM	SEVEN MILE
3	CNCNOHSP	SAYLOR PARK
3	TBSCOHTO	TOBASCO
3	UNINKYUN	UNION
3	WLBGOHWB	WILLIAMSBURG
3	WCHSOHWC	WEST CHESTER
3	CNCNOHWD	WESTWOOD
3	WLTNKYWL	WALTON
3	WRSWKYWR	WARSAW
3	WLTWKYWT	WILLIAMSTOWN

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