

ACCESS SERVICE

16. Public Packet Data Network
Public Packet Data Networks utilize separate data networks, comprised of switching and transmission facilities. The networks provide for the transfer of data provided by a customer in a frame or cell format. The data is separated into discrete segments for transmission through the public packet data network. (C)
- 16.1 Frame Relay Access Service (C)
- 16.1.1 General
- (A) General
- Frame Relay Access Service (FRAS) is a medium-speed, connection-oriented packet-switched data service that allows for the interconnection of Local Area Networks (LANs) or other compatible end user customer premises equipment for the purpose of connecting to an interstate frame relay network. FRAS also allows for the interconnection of a customer designated premises to a DSL Access Service Connection Point as described in Section 8, preceding. The terminal equipment accumulates the customer data and puts it into a frame relay format suitable for transmission over the FRAS network. This terminal equipment must conform to American National Standards Institute and Telecommunication Standardization Bureau of the International Telecommunication Union (ITU-T), Committee Consultat de International Telegraphique et Telephonique (CCITT) standards. (C)
- FRAS permits customers to share network bandwidth for data transmissions. (C)
- Rates and charges for FRAS are set forth in Section 17 and 18 following. The application of rates for FRAS is described in 16.1.2 following. (D)
- In addition to the regulations and charges specified in this section, the general regulations and charges specified in other sections of this tariff apply as appropriate.
- (B) Service Description
FRAS is a transport service that facilitates the exchange of variable length information units (frames) between customer connections. Frames travel a fixed path through the network with an address that specifies the permanent virtual connection. Addresses are read by the network processor and the frames are relayed to the preassigned destination. (D)

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16. Public Packet Data Network (Cont'd)
 16.1 Frame Relay Access Service (Cont'd)
 16.1.1 General (Cont'd)
 (B) Service Description (Cont'd)

FRAS service includes: the Frame Relay Access Connection, the Frame Relay Inter-network Connection, and Permanent Virtual Connections (PVC) which have associated Committed Information Rates (CIRs).

The Frame Relay Access Connection and the Frame Relay Inter-network Connection elements provide access to a Telephone Company wire center equipped with a frame relay switch. A generic view of FRAS access is shown in 16.1.2(A) following. Frame Relay Access Service connections are available from the wire centers as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4.

The Frame Relay Access Connection combines a frame relay compatible 56.0 kbps, 64.0 kbps, 1.544 Mbps or 44.736 Mbps digital transport facility with a port on a frame relay switch. The Frame Relay Access Connection includes the Telephone Company facility between the customer designated premises and the customer's serving wire center, the interoffice transport (if applicable) between the customer's serving wire center and a wire center equipped with a frame relay switch, and the end user port. The end user port is a user-to-network interface which provides the lineside physical entry point into the Telephone Company frame relay network and permits FRAS compatible end user customer premises equipment (CPE) to originate or terminate an interstate access service. Connections between end user customer premises equipment and the Telephone Company frame relay switch are available at speeds of 56.0 kbps, 64.0 kbps, 1.544 Mbps or 44.736 Mbps. Each end user port requires the identification of a corresponding terminating port. All end user ports must be in conformance with American National Standards Institute (ANSI) standards T1.606-1990, T1.606 Addendum 1-1991, T1.606a-1992, T1.617, Annex D-1992.

The Frame Relay Inter-network Connection combines a frame relay compatible 1.544 Mbps or 44.736 Mbps digital transport facility with a port on a frame relay switch. The Frame Relay Inter-network Connection includes the Telephone Company facility between the customer designated premises and the customer's serving wire center, the interoffice transport (if applicable) between the customer's serving wire center and a wire center equipped with a frame relay switch, and the inter-network customer port. The inter-network customer port is a network-to-network interface which provides the trunkside physical entry point into the Telephone Company frame relay network. The inter-network customer port connects the Telephone Company frame relay switch and the access customer's network. The inter-network customer port is offered at speeds of 1.544 Mbps or 44.736 Mbps. All inter-network customer ports must be in conformance with Telcordia Technologies, Inc. Technical Reference TR-TSV-001370, Issued: May 1993.

The Telephone Company will provide the logical circuits required within its frame relay network to connect the ports or to connect a port with a DSL Access Service Connection Point. These logical circuits, or Permanent Virtual Connections (PVC), are software defined, end-to end, bi-directional communications paths that are established and dis-established via the access service order process. While no physical circuits are dedicated, the two network addresses (one from each port) are connected electronically to form a PVC.

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16. Public Packet Data Network (Cont'd)
 16.1 Frame Relay Access Service (Cont'd)
 16.1.1 General (Cont'd)
 (B) Service Description (Cont'd)

There are two types of PVCs available. The standard PVC establishes a communications path between two ports or between a port and a DSL Access Service Connection Point within the same Telephone Company frame relay network. The extended PVC establishes a communications path between two ports or between a port and a DSL Access Service Connection Point on two interconnected Telephone Company frame relay networks. A generic view of interconnected FRAS is shown in 16.1.2(A) following.

(C)

At the time service is ordered the number of PVCs will be identified along with their Committed Information Rates. CIR is the bit rate at which the FRAS network commits to transfer data. Committed Information Rates provide for frame relay switch throughput at designated speeds (See 17.6.7.1(F) following). This information is required for network routing purposes.

(C) Service Provided by More than One Telephone Company

When the transport facility between the customer designated premises and a wire center equipped with a frame relay switch is provided by more than one Telephone Company, the Telephone Companies involved will provide a Special Access Service facility as set forth in Section 7 preceding, and in accordance with Sections 2.4.7 and 5.3 preceding.

Jointly-Provided FRAS service includes: the End User Port, the Inter-network Customer Port, and Permanent Virtual Connections (PVC) which have associated Committed Information Rates (CIRs). A Special Access Service facility is used to connect to the frame relay switch.

Connections are provided via Channel Termination(s) and Channel Mileage (See Section 7 Special Access Digital Data and High Capacity Services preceding). All regulations, rates and charges as specified in Section 7 will apply in addition to the rates and charges associated with FRAS. A generic view of jointly-provided FRAS is shown in 16.1.2(A) following.

The Telephone Company that provides the frame relay switch will bill an End User Port charge for the end user port connection and/or an Inter-network Customer Port charge for the inter-network customer port connection.

The Special Access Service, End User Port and/or Inter-network Customer Port charge(s) will apply in lieu of the Frame Relay Access Connection or Frame Relay Inter-network Connection.

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16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.1 General (Cont'd)

(D) Ordering Options and Conditions

Frame Relay Access Service is ordered under the Access Order provisions set forth in Section 5 preceding. Also included in that section are other charges which may be associated with ordering FRAS (e.g., Service Date Change Charges, Cancellation Charges, etc.)

A minimum of two FRAS connections are required for data to be transported between customer designated premises.

(E) Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test at the time of installation.

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16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Frame Relay Access Service.

Frame Relay Access Service is available at the wire centers as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. In the case of Interconnected Frame Relay Access Service, NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 also identifies the intermediate and super intermediate wire centers.

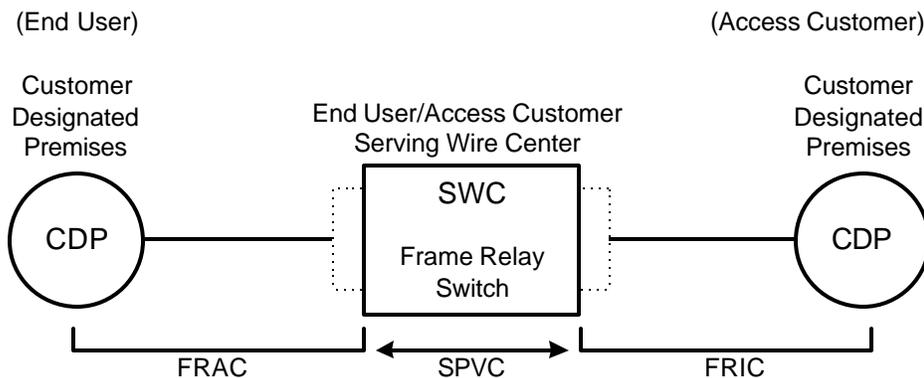
(C)
 |
 (C)

(A) Rate Categories

The following diagrams depict a generic view of the components of Frame Relay Access Service and the manner in which the components are combined to provide FRAS and Interconnected FRAS and Jointly-Provided FRAS.

(C)

Customers Serving Wire Center is equipped with a Frame Relay Switch



RATE ELEMENTS:

- FRAC = Frame Relay Access Connection
- SPVC = Standard Permanent Virtual Connection
- FRIC = Frame Relay Inter-network Connection

(C)

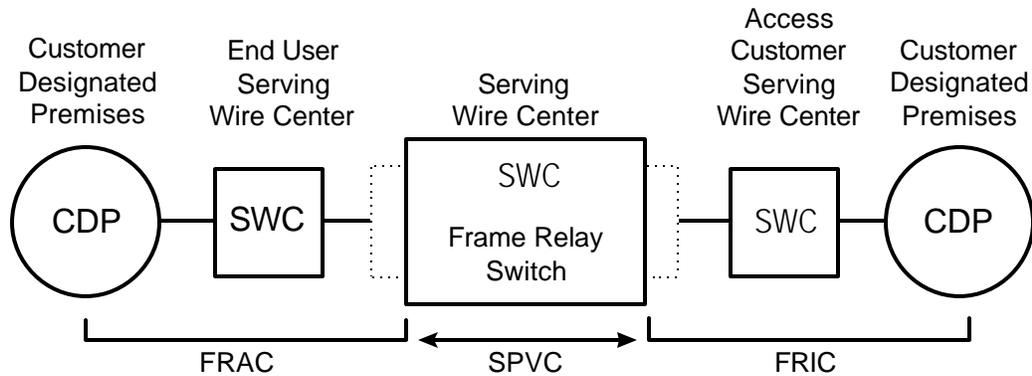
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- 16. Public Packet Data Network (Cont'd)
 - 16.1 Frame Relay Access Service (Cont'd)
 - 16.1.2 Rate Regulations (Cont'd)
 - (A) Rate Categories (Cont'd)

Frame Relay Access Service

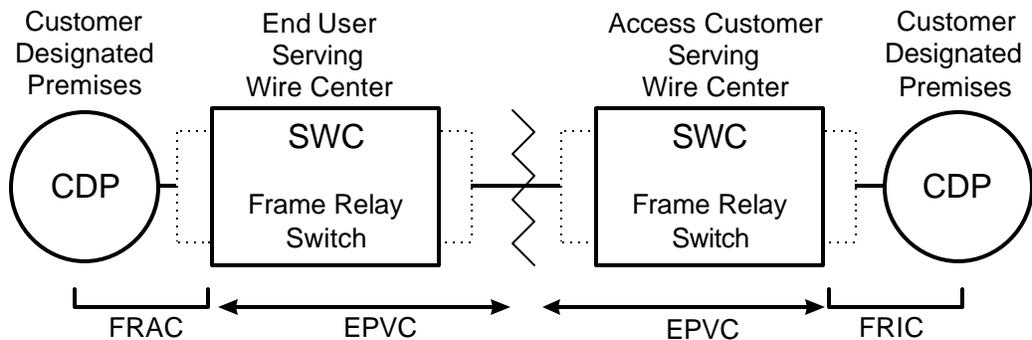
Customer's Serving Wire Center is not equipped with a frame relay switch



Interconnected Frame Relay Access Service

EC A *

EC B *



RATE ELEMENTS

- FRAC = Frame Relay Access Connection
- EPVC = Extended Permanent Virtual Connection
- FRIC = Frame Relay Inter-network Connection

* If EC A or EC B is a non-TUECA company, the application of their charges will depend upon EC A or EC B's access tariff.

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(C)

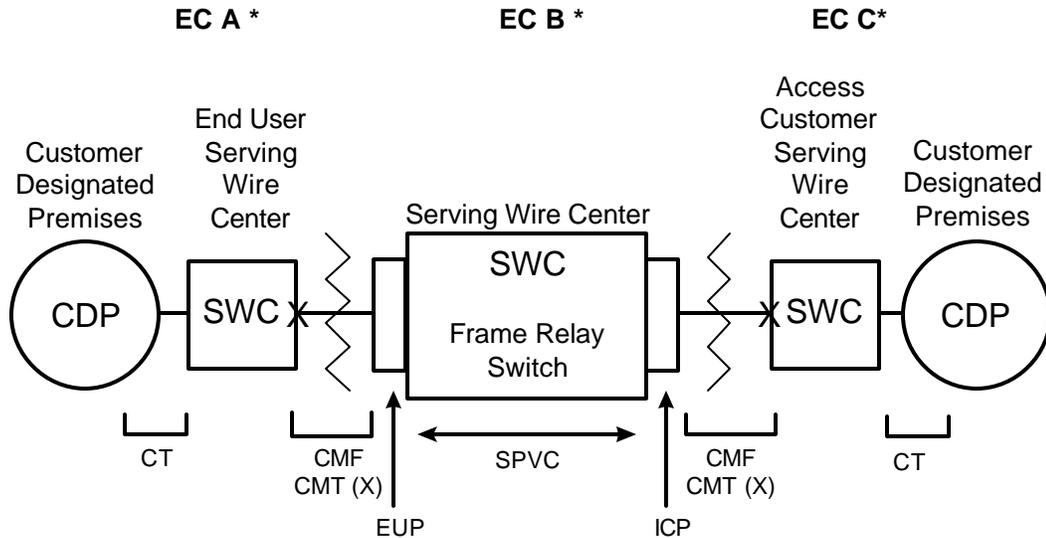
(C)

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- 16. Public Packet Data Network (Cont'd)
 - 16.1 Frame Relay Access Service (Cont'd)
 - 16.1.2 Rate Regulations (Cont'd)
 - (A) Rate Categories (Cont'd)

Jointly-Provided Frame Relay Access Service

(C)



RATE ELEMENTS

(Special Access Service)

(Frame Relay Access Service)

- EC "A"**
 - ∩CT = Channel Termination
 - ∩CMT = Channel Mileage Termination
 - ∩CMF = Channel Mileage Facility
- EC "B"**
 - ∩CMF = Channel Mileage Facility
 - ∩CMF = Channel Mileage Facility
- EC "C"**
 - ∩CT = Channel Termination
 - ∩CMT = Channel Mileage Termination
 - ∩CMF = Channel Mileage Facility

* If EC A or EC B is a non-TUECA company, the application of their charges will depend upon EC A or EC B's access tariff.

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16. Public Packet Data Network (Cont'd)16.1 Frame Relay Access Service (Cont'd)16.1.2 Rate Regulations (Cont'd)(A) Rate Categories (Cont'd)(1) Frame Relay Access Connection

(C)

The Frame Relay Access Connection (FRAC) rate element recovers the costs associated with the communication path between the end user's premises and the Telephone Company wire center equipped with a frame relay switch. The FRAC includes the physical transmission facility between the customer designated premises and the customer's serving wire center, the interoffice transport (if applicable) between the customer's serving wire center and a wire center equipped with a frame relay switch, and the end user port on the Telephone Company's frame relay switch.

One FRAC charge applies per customer designated premises at which the FRAS connection is terminated. This applies even if the customer designated premises and the frame relay switch are collocated in a Telephone Company building.

(2) Frame Relay Inter-network Connection

The Frame Relay Inter-network Connection (FRIC) rate element recovers the costs associated with the communication path between the access customer's premises and the Telephone Company wire center equipped with a frame relay switch. The FRIC includes the physical transmission facility between the customer designated premises and the customer's serving wire center, the interoffice transport (if applicable) between the customer's serving wire center and a wire center equipped with a frame relay switch, and the inter-network customer port on the Telephone Company's frame relay switch.

One FRIC charge applies per customer designated premises at which the FRAS connection is terminated. This applies even if the customer designated premises and the frame relay switch are collocated in a Telephone Company building.

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16. Public Packet Data Network (Cont'd)
 16.1 Frame Relay Access Service (Cont'd)
 16.1.2 Rate Regulations (Cont'd)
 (A) Rate Categories (Cont'd)
 (3) End User Port

(C)

An End User Port charge is applied as a discrete rate element in conjunction with jointly-provided Special Access Service. Refer to 7.8 and 7.9 preceding for additional applicable rates and charges.

The End User Port is the physical location in the Telephone Company switching office where the transport facility of the customer connects to the FRAS Network. It specifies how a frame relay switch sends and receives data from a frame relay end user customer's LAN or other compatible CPE devices.

The End User Port consists of either a 56.0 kbps, 64.0 kbps, 1.544 Mbps or 44.736 Mbps interface. The port connecting the transport facility to the Telephone Company frame relay switch must be ordered and provided at the same speed as the associated transport facility.

(4) Inter-network Customer Port

An Inter-network Customer Port Charge is applied as a discrete rate element in conjunction with jointly-provided Special Access Service. Refer to 7.9 preceding for additional applicable rates and charges.

The Inter-network Customer Port is the physical location in the Telephone Company switching office where the access customer's transport facility connects to the Telephone Company's FRAS network. It specifies how a frame relay switch sends and receives data from a frame relay access customer's network.

The Inter-network Customer Port is offered at speeds of 1.544 Mbps or 44.736 Mbps. The port connecting the transport facility to the Telephone Company frame relay switch must be ordered and provided at the same speed as the associated transport facility.

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16. Public Packet Data Network (Cont'd)
 16.1 Frame Relay Access Service (Cont'd)
 16.1.2 Rate Regulations (Cont'd)
 (A) Rate Categories (Cont'd)
 (3) Permanent Virtual Connection (PVC)

(C)

A PVC is a software defined communications path between two port connections or between a port connection and a DSL Access Service Connection Point.

Each PVC is provisioned with a customer selected Committed Information Rate. The CIR is a transmission speed specified by the customer. CIRs range from 8 kbps to 768 kbps. The Telephone Company will provide switch capacity to permit the customer to transmit information with guaranteed delivery at the specified CIR. The Telephone Company will permit customers to attempt to transmit at speeds up to two times the CIR with no guarantee of completion. Attempted transmissions at above two times the CIR will not be permitted.

Customers will be permitted to order multiple PVCs on a given port subject to switch limitations. Customers anticipating non-simultaneous transmission may order CIRs assigned to these multiple PVCs, the sum of which may theoretically exceed the actual throughput of the port. However, when simultaneous transmission of multiple PVCs occurs, the total of the transmission rate (CIRs) may not exceed the actual throughput of the port.

There are two types of PVCs available. The standard PVC establishes a communications path between two ports or between a port and a DSL Access Service Connection Point within the same Telephone Company frame relay network. The extended PVC establishes a communications path between two ports or between a port and a DSL Access Service Connection Point on two interconnected Telephone Company frame relay networks.

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16. Public Packet Data Network (Cont'd)
 16.1 Frame Relay Access Service (Cont'd)
 16.1.2 Rate Regulations (Cont'd)

(B) Types of Rates and Charges

There are two types of rates and charges. They are monthly rates and nonrecurring charges. The rates and charges are described as follows:

(1) Monthly Rates

Monthly rates are recurring rates that apply each month or fraction thereof that a FRAS is provided. For billing purposes, each month is considered to have 30 days.

(2) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for FRAS are: installation of service and service rearrangements. These charges are in addition to the Access Order Charge as specified in 17.4.1 following:

(a) Installation of Service

Nonrecurring charges apply for the installation of Frame Relay Access Connections (FRAC), Frame Relay Inter-network Connections (FRIC), and Permanent Virtual Connections (PVC). (C)

A nonrecurring charge applies per FRAC or FRIC installed and is based on the speed of the connection.

A nonrecurring charge applies per PVC installed. (C)

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16. Public Packet Data Network (Cont'd)
 16.1 Frame Relay Access Service (Cont'd)
 16.1.2 Rate Regulations (Cont'd)
 (B) Types of Rates and Charges (Cont'd)
 (2) Nonrecurring Charges (Cont'd)
 (b) Service Rearrangements

Service Rearrangements are changes to existing (installed) services.

A PVC Rearrangement Charge will be applied whenever a change is made to the CIR of an existing PVC after initial port installation and/or a change is made to the terminating port destination of the PVC.

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

(c) Moves

(C)

A move involves a change in the physical location of one of the following:

- The Point of Termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

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16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(c) Moves

(i) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements. This charge is in addition to the Access Order Charge as specified in 17.3 following.

(ii) Moves To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

(C) Minimum Period

The minimum period for FRAS is one month and the full monthly rate will apply to the first month. Adjustments for quantities of services established or discontinued in any billing period beyond the minimum period are as set forth in 2.4.1(F) preceding.

The minimum period for discounted FRAS is twelve months as set forth in 2.4.2 and 5.5.1 preceding.

(C)

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ACCESS SERVICE

16. Public Packet Data Network (Cont'd)
 16.1 Frame Relay Access Service (Cont'd)
 16.1.3. Optional Rate Plans

(N)

A Term Discount plan is available for Frame Relay Access Service (FRAS). The Term Discount applies to the Frame Relay Access Connection and Frame Relay Inter-network Connection charges. The Permanent Virtual Connections (PVC) are not eligible for a Term Discount. Under the Term Discount plan, the current monthly rates for eligible services are reduced by a fixed percentage. The amount of the discount percentage differs based on the length of the service commitment period selected by the customer. The Term Discount percentages for FRAS are as set forth in 17.6.7.1(E) following.

Discounts for the Term Discount plan are only applied to FRAS provided to a customer within the same state and LATA by the same Telephone Company.

The minimum service period on a month-to-month basis is one month. Under an Optional Rate Plan, the minimum service period is twelve months.

(A) Term Discounts

FRAS may be ordered at the customer's option on a month-to-month basis or for Term Discount periods of 36 months (3 years) or 60 months (5 years).

The minimum service period for all Term Discount plans is twelve months. The customer must specify the length of the service commitment period at the time the service is ordered.

For customers that subscribe to the Term Discount plan for 36 or 60 months, the Term Discount percentage as set forth in 17.6.7.1(E) following will be frozen from Company initiated decreases for the entire discount period at the percent in effect at the beginning of the Term Discount period.

If a Term Discount Percentage increase occurs during the term of an existing Term Discount plan, the increased percentage will be applied automatically to the remainder of the current Term Discount period.

At the end of the Term Discount period, the customer may convert to month-to-month service or subscribe to a new Term Discount plan. If the customer does not make a choice by the end of the discount period, the rates will automatically convert to month-to-month service rates.

To be included in a Term Discount plan, all eligible FRAS rate elements must be ordered for the same commitment term (i.e., all 36 months or all 60 months) and with the same service date. When additional capacity is subsequently added, it will be available only on a month-to-month basis unless the discount period of the entire service is upgraded.

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16. Public Packet Data Network (Cont'd)
 16.1 Frame Relay Access Service (Cont'd)
 16.1.3. Optional Rate Plans

(A) Term Discounts (Cont'd)

Eligible FRAS rate demerits are those provided to a customer within the same state and LATA by the same Telephone Company. As long as the number of FRAS connections included in a Term Discount plan remains constant, customer requests to install and disconnect FRAS connections, including changes affecting different wire centers and/or customer designated premises, will not change the current Term Discount period or the minimum service period, and Discontinuance of Service charges as set forth in (3) following will not apply.

(1) Upgrades in Term Discounts

Services provided under month-to-month rates or Term Discount rates may be upgraded to a Term Discount plan at any time without incurring FRAS nonrecurring charges or discontinuance charges for existing services. The new Term Discount plan must meet or exceed the service term of the plan being upgraded. For example, a service with a 36 month commitment period may be upgraded to a new 36 month or 60 month service period. The monthly rates will be those that are in effect at the time the service is upgraded. A new minimum service period applies to all FRAS that is upgraded.

(2) Upgrades in Capacity

If the customer chooses to upgrade a service under the Term Discount plan to a higher capacity (e.g., from 56.0 kbps to 64.0 kbps or from 56.0 kbps or 64.0 kbps to 1.544 Mbps), discontinuance charges will not apply, provided all the following conditions are met:

- the customer's order for the disconnect of the existing service and the installation of the new service are received at the same time and specifically reference the application of upgrade in capacity,
- the customer's disconnect order for the existing service must reference the service installation order,
- the new service has a total capacity greater than the total capacity of the service being discontinued and,
- the new Term Discount period meets or exceeds the Term Discount period being discontinued.

A new minimum service period applies to all upgrades. A Frame Relay Access Connection nonrecurring charge for an equivalent capacity of the existing services being upgraded to the higher speed service will not be assessed. FRAC nonrecurring charges will not apply to the upgraded lower speed services placed on the higher speed service if requested at the same time as the upgrade request. Nonrecurring charges will apply for capacity that exceeds the existing equivalent capacity.

(N)

(N)

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16. Public Packet Data Network (Cont'd)16.1 Frame Relay Access Service (Cont'd)16.1.3. Optional Rate Plans(A) Term Discounts (Cont'd)

(N)

(2) Upgrades in Capacity (Cont'd)

Discontinuance charges will not apply should the customer choose to upgrade either a portion of or the entire FRAS under the Term Discount plan and move the service to a new customer location(s) within the same state and LATA where service is provided by the same Telephone Company.

(3) Discontinuance of Service

If the customer chooses to disconnect all or a portion of the service prior to the expiration of the Term Discount period, discontinuance charges will apply to the portion of the service being discontinued.

Should the customer choose to discontinue a Term Discount plan prior to the completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to one-hundred percent of the total undiscounted monthly rates, less any amounts previously paid, will apply for the minimum service period. Additionally, discontinuance charges of fifteen percent of the total undiscounted monthly charges will apply to the remaining portion of the discount service term.

Should the customer choose to discontinue service ordered under a Term Discount plan after the minimum service period but before the completion of the discount period, discontinuance charges will apply. Discontinuance charges of fifteen percent of the total undiscounted monthly charges will apply to the remaining portion of the discount period. For example, a customer has a 1.544 Mbps Frame Relay Access Connection which it chooses to discontinue after 33 months into a 60-month service term. The discontinuance charge would be 0.15 times 27 months times the undiscounted monthly rates for that service.

(N)

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16. Public Packet Data Network (Continued) (N)
- 16.2 Asynchronous Transfer Mode Cell Relay Access Service
- 16.2.1 General

Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) is a connection-oriented transport service that is based on Asynchronous Transfer Mode (ATM) technology using fixed length, 53-byte cells. ATM cells generated by ATM-compatible customer premises equipment (CPE) are transmitted through the Telephone Company's ATM-CRS network to a pre-specified destination.

ATM-CRS provides customers requiring high-speed data transport for bandwidth intensive data, voice or video applications with the ability to interconnect multiple locations using the Telephone Company's ATM-CRS network. The customer may use ATM-CRS to interconnect its customer designated premises (CDPs) served by the Telephone Company's ATM-CRS network, to interconnect its local area network (LAN) to the Telephone Company's ATM-CRS network and/or interconnect its CDPs to an ATM network located outside of the Telephone Company's serving territory.

16.2.2 Service Description

ATM-CRS is provided using a combination of Ports, Virtual Paths and Virtual Circuit Channels. An ATM-CRS Port is required to provide the interface into the Telephone Company's ATM-CRS network. A Virtual Path is required to establish a transmission path between any two ATM-CRS Ports. Virtual Circuit Channels (VCCs) may be ordered from the Telephone Company to establish a communication path between any two CDPs or established by the customer using its own equipment.

Service is provided, where available, between CDPs and designated Telephone Company Serving Wire Centers (SWCs). ATM-CRS will be furnished where suitable facilities exist as determined by the Telephone Company. The Telephone Company will identify its ATM-CRS equipped Serving Wire Centers in the National Exchange Carriers Association, Inc. Tariff F.C.C. No. 4. (N)

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(N)

16. Public Packet Data Network (Continued)16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)16.2.2 Service Description (Continued)

Rates and Charges for ATM-CRS are specified in Section 17.4.8.2, 18.4.8.2 and 19.4.8.2 following. The application of rates and charges for ATM-CRS is described later in this section.

16.2.3 Obligation of the Customer

In addition to the regulations described in other sections of this tariff, the following provisions apply to ATM-CRS:

- (A) The customer is responsible for providing the Telephone Company with the necessary information to provision ATM-CRS as specified in Section 5.2 Ordering Requirements, preceding.
- (B) The customer is responsible for providing and maintaining all required customer premises equipment (CPE), which is compatible with ATM-CRS and complies with the standards specified in the following publications: The ATM Forum Technical Committee ATM User-Network Interface (UNI) Signaling Specification (Version 4.0), Private Network-Network Interface Specification (Version 1.0) and BISDN Inter Carrier Interface (B-ICI) Specification (Version 2.0). A customer ordering Ethernet-based ATM-CRS Ports is also responsible for ensuring that its CPE complies with the standards specified in Technical Reference IEEE Std. 802.3, Part 3, Clause 15 for 10Base-F, Clause 26 for 100Base-F and Clause 34 through 38 for 1000Base-X connections.

16.2.4 Rate Regulations

This section contains the regulations governing the rates and charges that apply for ATM-CRS. Regulations governing the rates and charges for Special and/or ADSL Access Services provided under this tariff used in conjunction with ATM-CRS are as specified in Sections 7 and 8, Preceding.

(N)

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ACCESS SERVICE

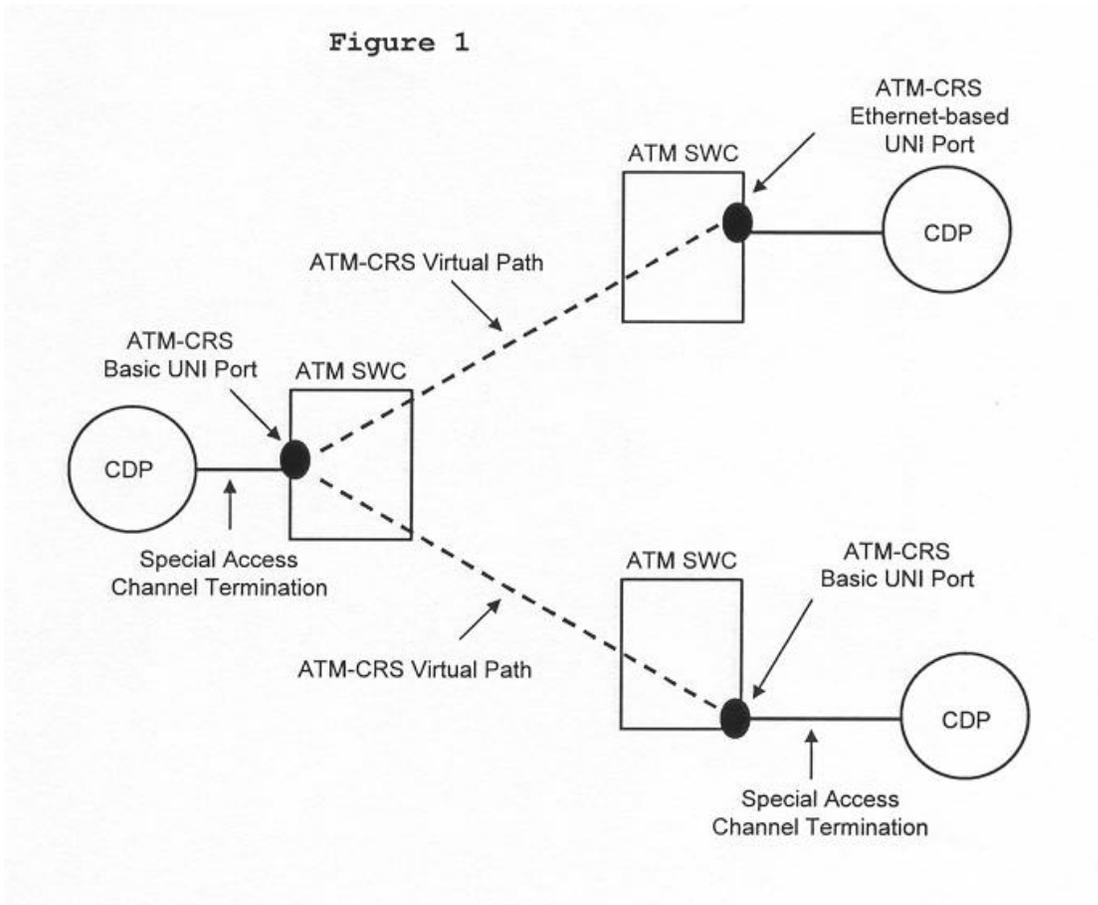
16. Public Packet Data Network (Continued)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)

16.2.4 Rate Regulations (Continued)

The following diagrams depict generic views of the components of ATM-CRS. In the first figure, all of the customer's CDPs are served by the ATM-CRS equipped SWCs.

The ATM-CRS customer orders the applicable ATM-CRS components pursuant to the provisions specified in this section and the applicable Special Access Service Components pursuant to the provisions specified in Section 7, preceding.



(N)

(N)

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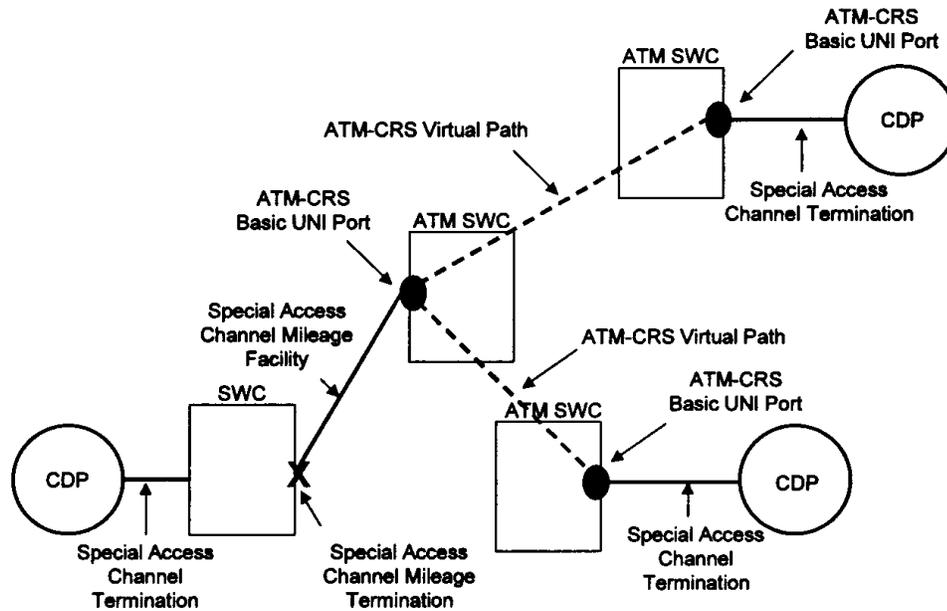
16. Public Packet Data Network (Continued)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)

16.2.4 Rate Regulations (Continued)

In the second figure, one of the customer's CDPs is not served by an ATM-CRS equipped SWC. The ATM-CRS customer orders the applicable ATM-CRS components pursuant to the provisions specified in this section and the applicable Special Access Service components pursuant to the provisions specified in Section 7, preceding.

Figure 2



(N)

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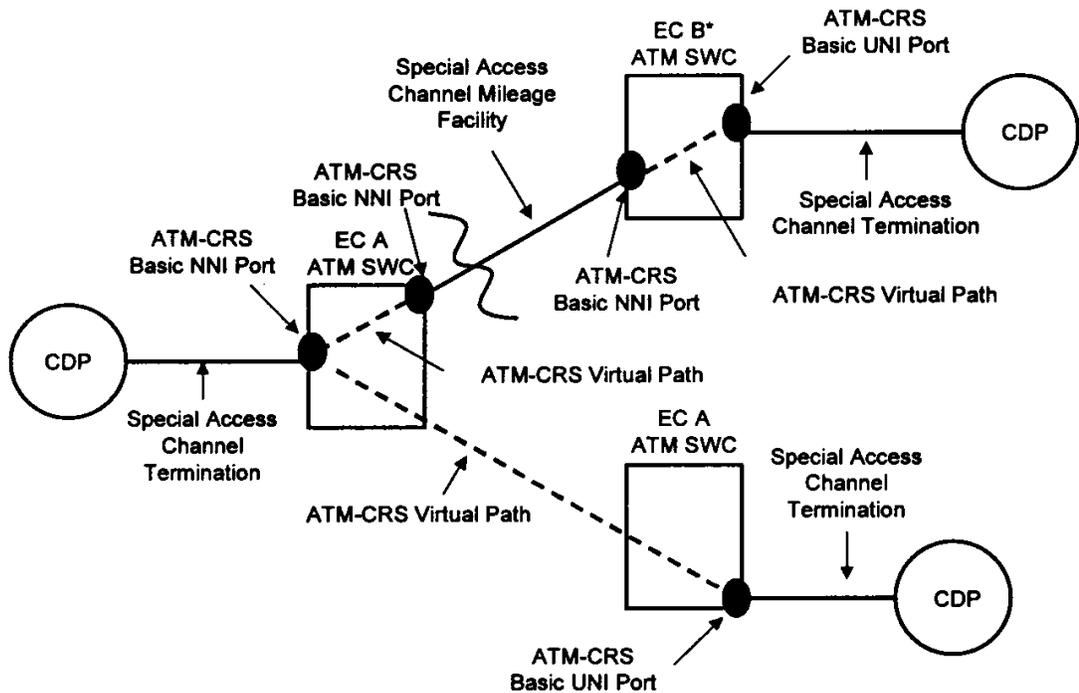
16. Public Packet Data Network (Continued)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)

16.2.4 Rate Regulations (Continued)

In the third figure, one of the customer's CDPs is served by another telephone company's ATM network. The ATM-CRS customer orders the applicable ATM-CRS components from the Telephone Company pursuant to the provisions specified in this section and the applicable Special Access Service Components pursuant to the provisions specified in Section 7, preceding. In addition, the customer will order the applicable ATM and Special Access Services components from the distant telephone company.

Figure 3



* IF EC B is a non-NECA company, the application of charges will depend on its access tariff.

(N)

(N)

ACCESS SERVICE

(N)

16. Public Packet Data Network (Continued)16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)16.2.4 Rate Regulations (Continued)(A) Rate Categories

The various ATM-CRS service components are described below.

(1) ATM-CRS Ports

An ATM-CRS Port receives ATM cells from the customer's ATM-compatible CPE, validates the addressing parameters contained in the cell headers, and transmits the cells into the ATM-CRS network. The ATM-CRS Port also receives ATM cells from the Telephone Company's ATM-CRS network or from an ATM network located outside of the Telephone Company's serving territory, validates the addressing parameters contained in the cell headers, and transmits the cells to the pre-designated CDP.

ATM-CRS Ports are available with a User Network Interface (UNI) or a Network to Network Interface (NNI) as described below. Each ATM-CRS Port must be associated with a minimum of one ATM-CRS Virtual Path or DSL Access Service Connection optional function.

Interconnection of the Telephone Company's ATM-CRS network to another ATM network located outside the Telephone Company's serving territory is provided using ATM-CRS Basic NNI ports and Telephone Company provided Special Access Services.

(a) Basic User Network Interface (UNI) Port

Basic UNI Ports provide a port only interface to the Telephone Company's ATM-CRS network and do not include the required transport facility between the CDP and the Telephone Company's SWC at which the basic UNI Port is located. Transport to connect the CDP with the basic UNI Port is provided using Telephone Company DS1 or DS3 High Capacity and/or Synchronous Optical Channel Special Access Services as described in Sections 7.10 and 7.11, preceding. Basic UNI Ports are available at bandwidth speeds of 1.544 Mbps, 44.736 Mbps, 155.52 Mbps and 622.08 Mbps.

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16. Public Packet Data Network (Continued)16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)16.2.4 Rate Regulations (Continued)(A) Rate Categories (Continued)

(1) ATM-CRS Ports (Continued)

(b) Ethernet-based User Network Interface (UNI) Port

Ethernet-based UNI Ports are used to interconnect the customer's Ethernet-compatible CPE with the Telephone Company's ATM-CRS network and include the transport facility between the CDP and the Telephone Company's SWC, provided that the CDP is served by the SWC in which the Ethernet-based UNI Port is located. Ethernet-based UNI Ports are available at bandwidth speeds of up to 10 Mbps (i.e., 10Base-F), up to 100 Mbps (i.e., 100Base-F) and up to 1 Gbps (i.e., 1000Base-X).

(c) Basic Network to Network Interface (NNI) Port

Basic NNI Ports provide a port only interface to the Telephone Company's ATM-CRS network and do not include the required transport facility between the CDP and the Telephone Company's SWC at which the NNI is located. Transport to connect the CDP with the basic NNI Port is provided using Telephone Company provided DS1 or DS3 High Capacity and/or Synchronous Optical Channel Special Access Services described in Sections 7.10 and 7.11, preceding. Basic NNI Ports are available at bandwidth speeds of 1.544 Mbps, 44.736 Mbps, 155.52 Mbps, 622.08 Mbps, and 2.4 Gbps.

(d) Ethernet-based Network to Network Interface (NNI) Port

Ethernet-based NNI Ports are used to interconnect the customer's Ethernet-compatible CPE with the Telephone Company's ATM-CRS network and include a fiber only connection between the CDP and the Telephone Company's SWC, provided that the CDP is served by the SWC in which the Ethernet-based NNI Port is located. Ethernet-based NNI Ports are available at bandwidth speeds of up to 10 Mbps (i.e., 10Base-F), up to 100 Mbps (i.e., 100Base-F) and up to 1 Gbps (i.e., 1000Base-X).

Monthly and nonrecurring charges apply for each ATM-CRS Port ordered.

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16. Public Packet Data Network (Continued)16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)16.2.4 Rate Regulations (Continued)(A) Rate Categories (Continued)(2) ATM-CRS Virtual Paths

An ATM-CRS Virtual Path (VP) is a predefined, logical circuit established by the Telephone Company that is required to route ATM cells between any two ATM-CRS Ports located within the Telephone Company's ATM-CRS Network. VPs may be established between two ATM-CRS UNI Ports, between an ATM-CRS UNI Port and an ATM-CRS NNI Port, or between two ATM-CRS NNI Ports. VPs are available in increments of 1 Mbps. The bandwidth capacity on a VP may not exceed the maximum bandwidth of the associated ATM-CRS Ports. In addition to specifying the bandwidth capacity required on its order, the customer must specify one of the following traffic routing prioritization parameters for each VP ordered.

(a) Constant Bit Rate (CBR)

CBR supports applications that require special network timing and minimal delay to ensure steady data flow of user information through the ATM-CRS network. Examples of applications requiring CBR include voice, some types of video and circuit emulation for higher speed special access services. CBR is the highest priority traffic on the network.

(b) Variable Bit Rate- real time (VBR-rt)

VBR-rt supports applications for which the data flow is bursty and requires low delay variance in ATM cell transmissions. Examples of applications requiring VBR-rt include voice and video.

(c) Variable Bit Rate- non real time (VBR-nrt)

VBR-nrt supports applications for which the data flow is bursty and variable delays in ATM cell transmissions can be tolerated. Examples of applications requiring VBR-nrt include file transfer, multimedia and computer aided design/computer aided manufacturing (CAD/CAM).

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16. Public Packet Data Network (Continued)

(N)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)16.2.4 Rate Regulations (Continued)(A) Rate Categories (Continued)(2) ATM-CRS Virtual Paths (Continued)

(d) Unspecified Bit Rate (UBR)

UBR supports applications for which the data flow is bursty and delay tolerant using "best effort" engineering. The Telephone Company will attempt to deliver all ATM cells received on a UBR VP, however, network congestion may result in a loss of ATM cells. Examples of applications requiring UBR include interactive data sessions, file transfers, monitoring and signaling.

Monthly and nonrecurring charges apply for each VP ordered. The monthly recurring charge is comprised of a fixed path charge and a variable bandwidth capacity charge, which is calculated based on the total bandwidth of the VP. For example, the monthly charge for a single 145 Mbps VBR-rt path would equal \$2,542.50 (\$5.00 fixed plus \$17.50 per Megabit).

(3) ATM-CRS Virtual Circuit Channels (VCCs)

An ATM-CRS Virtual Circuit Channel (VCC) is a pre-defined logical circuit used to route ATM cells between any two CDPs served by the Telephone Company's ATM-CRS network. VCCs may be established by the customer using its CPE or by the Telephone Company in its ATM-CRS network via the service order process.

Monthly and nonrecurring charges apply for each VCC ordered by the customer. Rates and charges specified in Section 17.4.8.2, 18.4.8.2 and 19.4.8.2 following, do not apply to VCCs established by the customer.

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ACCESS SERVICE

16. Public Packet Data Network (Continued)16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)16.2.4 Rate Regulations (Continued)(A) Rate Categories (Continued)(4) Optional Features and Functions¹

(a) DSL Access Service Connection

Where available, ATM-CRS UNI and/or NNI Ports may be equipped with the DSL Access Service Connection functions. This function provides for the interconnection of the ATM-CRS with Telephone Company provided ADSL Access Service as described in Section 8.1, preceding and Technical Reference ANSI T1.413-1998. This optional function allows the ATM-CRS customer to receive ADSL data traffic from and transmit ADSL data traffic to its end user customers using UBR traffic routing prioritization parameter.

It is available only at Telephone Company designated DSL Access Service Connection Point SWCs located within the Telephone Company's serving territory. The speed of the DSL Access Service Connection function ordered by the customer may not exceed the speed of the associated ATM-CRS Port.

A nonrecurring charge applies per port to equip the ATM-CRS UNI or NNI Port with the DSL Access Service Connection function.

A customer that requires a VBR-nrt traffic routing prioritization parameter may also order a DSL VCC between its CDP and the premises of its end user customer. Each DSL VCC is available with a maximum bandwidth capacity of 1.544 Mbps, however, the maximum speed to or from the ADSL Access Service customer will not exceed the maximum peak speeds for the services as specified in Section 8, preceding. Monthly and nonrecurring charges apply to each DSL VCC established by the Telephone Company. The DSL VCC charges apply in addition to the nonrecurring charge for equipping the ATM-CRS UNI or NNI Port with the DSL Access Service Connection function.

(C)

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16. Public Packet Data Network (Continued)

(N)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)16.2.4 Rate Regulations (Continued)(B) Types of Rates and Charges

There are two types of rates and charges. They are monthly rates and nonrecurring charges. The rates and charges are described below:

(1) Monthly Rates

Monthly rates are recurring rates that apply each month or fraction thereof that an ATM-CRS service component is provided. For billing purposes, each month is considered to have 30 days.

(2) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for ATM-CRS are installation of service and service rearrangements. These charges are in addition to the Access Order Charge as specified in Section 17.4.1, 18.4.1, and 19.4.1 following.

(a) Installation of Service

Nonrecurring charges apply for installation of Ports, VPs, VCCs and Optional Features and Functions ordered by the customer.

(b) Service Rearrangements

Service rearrangements are changes to existing (i.e., installed) services, which may be administrative only in nature as set forth below or, that involve actual physical change to the service.

The VP nonrecurring charge will apply per VP to change bandwidth capacity and/or to change the traffic route prioritization parameter on an existing VP.

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ACCESS SERVICE

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16. Public Packet Data Network (Continued)16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)16.2.4 Rate Regulations (Continued)(B) Types of Rates and Charges(2) Nonrecurring Charges (Continued)(b) Service Rearrangements (Continued)

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name
- Change of customer or customer's end user premises address when the change of address is not a result of the physical relocation of equipment
- Change in billing data (name, address, or contact name or telephone number),
- Change in agency authorization,
- Change of customer circuit identification
- Change of billing account number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction

(c) Moves

A move involves a change in the physical location of one or more of the following:

- The Point of Termination at the customer's premises
- The customer's premises

The charges for moving ATM-CRS service components are dependent on whether the move is to a different location within the same building, to a different building within the same SWC, or to a different building in different SWC. The charges specified below apply in addition to any applicable charges for moving the associated Special Access Services as specified in Section 7, preceding.

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ACCESS SERVICE

16. Public Packet Data Network (Continued)16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)16.2.4 Rate Regulations (Continued)(B) Types of Rates and Charges(2) Nonrecurring Charges (Continued)

(c) Moves

(i) Moves Within the Same Building

Port only interfaces (i.e., Basic UNI/NNI Ports), VPs and VCCs are not impacted when a customer moves its Point of Termination to a different location within the same building. The charge for moving an Ethernet-based UNI or Ethernet-based NNI Port within the same building will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the port. There will be no change in the minimum period requirements.

(ii) Moves To a Different Building Within the Same SWC

Port only interfaces (i.e., Basic UNI/NNI Ports), VPs and VCCs are not impacted when a customer moves its Point of Termination to a different building within the same SWC. The move of an Ethernet-based UNI or Ethernet-based NNI Port will be treated as a discontinuance and start of service. Associated nonrecurring (i.e., installation) charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

(iii) Moves to a Different Building in a Different SWC

A move to a different building in a different SWC will be treated as a discontinuance and start of service of all associated ATM-CRS service components. Associated nonrecurring (i.e., installation) charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for discontinued service.

(N)

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ACCESS SERVICE

16. Public Packet Data Network (Continued)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)

16.2.4 Rate Regulations (Continued)

(C) Minimum Periods

The minimum period for ATM-CRS service components provided to a customer and for which charges are applicable are:

- Twelve months for ATM-CRS Ports
- One month for ATM-CRS Virtual Paths and Virtual Circuit Channels

(N)

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC.

17.1 Common Line Access Service and Federal Universal Service Charge

All Tariff Section References contained herein are to the National Exchange Carrier Association, Inc. (NECA) Tariff F.C.C. No. 5. (C)

17.1.1 Carrier Common Line Access Service
Regulations and rates concerning Carrier Common Line Access and Federal Universal Service Charge (FUSC) are set forth in Section 3 and 17 of the NECA Tariff F.C.C. No. 5.

17.1.2 End User Access Service
Regulations and rates concerning End User Access Service are set forth in Section 4 and 17 of the NECA TARIFF FCC NO. 5. (C)
(D)

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)

(D)

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.2 Switched Access Service17.2.1 Nonrecurring ChargesRateTariff
Section
Reference(A) Local Transport - Installation

Per Entrance Facility

-Voice Grade Two Wire

-Voice Grade Four Wire

-High Capacity DS1

-High Capacity DS3

\$173.54

\$173.54

\$235.44

\$514.52

6.4.1(B)(1)

(B) Interim NXX Translation Per Order

Per LATA or Market Area \$82.00

6.4.1(B)(2)

(C) FGC and FGD Conversion ofMultifrequency Address Signaling to SS7Signaling or SS7 Signaling toMultifrequency Address SignalingPer 24 Trunks Converted to Fraction
thereof on a Per Order Basis

\$278.00

(D) Direct Trunked Transport ActivatedPer 24 Trunks Activated or Fraction
thereof, on a Per Order BasisPer Order

\$273.00

6.4.1(B)(1)

(E) Flexible Automatic Number Identification
(Flex ANI)

NONE

6.9.1(V)

17.2.2 Local TransportPremium Access

Entrance Facility per Termination

-Voice Grade Two Wire

-Voice Grade Four Wire

-High Capacity DS1

-High Capacity DS3

\$65.00

\$95.00

\$330.00

\$3,700.00

6.4.1(C)(1)

(I)

(I)

(I)

(I)

Direct Trunked Transport

Direct Trunked Facility per Mile

-Voice Grade

-High Capacity DS1

-High Capacity DS3

\$8.41

\$20.00

\$175.00

(I)

(I)

(I)

Direct Trunked Termination per Termination

-Voice Grade

-High Capacity DS1

-High Capacity DS3

\$60.00

\$80.00

\$580.00

(I)

(I)

(I)

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.2 Switched Access Service

	<u>Rate</u>	<u>Tariff Section Reference</u>	
17.2.1 <u>Nonrecurring Charges</u>			
(A) Local Transport - Installation Per Entrance Facility		6.4.1(B)(1)	
-Voice Grade Two Wire	\$173.54		
-Voice Grade Four Wire	\$173.54		
-High Capacity DS1	\$235.44		
-High Capacity DS3	\$514.52		
(B) Interim NXX Translation Per Order Per LATA or Market Area	\$82.00	6.4.1(B)(2)	
(C) <u>FGC and FGD Conversion of Multifrequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling</u> Per 24 Trunks Converted to Fraction thereof on a Per Order Basis	\$278.00		
(D) <u>Direct Trunked Transport Activated</u> Per 24 Trunks Activated or Fraction thereof, on a Per Order Basis	<u>Per Order</u> \$273.00	6.4.1(B)(1)	
(E) <u>Flexible Automatic Number Identification (Flex ANI)</u>	NONE	6.9.1(V)	
17.2.2 Local Transport Premium Access			
Entrance Facility per Termination			
-Voice Grade Two Wire	\$50.00	6.4.1(C)(1)	(R)
-Voice Grade Four Wire	\$75.00		
-High Capacity DS1	\$250.00		
-High Capacity DS3	\$2,800.00		(R)
Direct Trunked Transport Direct Trunked Facility per Mile			
-Voice Grade	\$5.70		(R)
-High Capacity DS1	\$14.00		(R)
-High Capacity DS3	\$150.00		(R)
Direct Trunked Termination per Termination			
-Voice Grade	\$45.00		(R)
-High Capacity DS1	\$60.00		(R)
-High Capacity DS3	\$450.00		(R)

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRate(A) Local Switching

Premium Per Access Minute \$0.007667 (R)

Transitional Per Access Minute \$0.003450 (R)

(B) Information Surcharge

Premium Per 100 Access Minutes \$0.024778 (R)

Non-premium Per 100
Access Minutes \$0.011150 (R)

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.2 Switched Access Service (Cont'd) Assumed

17.2.4	<u>Assumed Minutes of Use</u> Per Line or Trunk	Minutes Per Month	Tariff Section <u>Reference</u>
(A)	Feature Group A, Two Way Calling (1510 Originating, 2685 Terminating)	4195	6.5.4
(B)	Feature Group A, Originating Only	1510	6.5.4
(C)	Feature Group A, Terminating Only	2685	6.5.4
(D)	Feature Group B, Two Way Calling (3132 Originating, 5568 Terminating)	8700	6.6.4
(E)	Feature Group B, Originating Only	3132	6.6.4
(F)	Feature Group B, Terminating Only	5568	6.6.4
		<u>Rate</u>	
17.2.5	Operator Transfer Service Per Call Transferred		ICB 6.9.4

ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

<u>Monthly Rate</u>	<u>Tariff Section Reference</u>	
- Per Voice Grade Equivalent		\$25.00

ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.2 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in 7.4 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) Channel Termination Per Termination			
- Two-Wire	\$50.00	ICB	(R)
- Four-Wire	\$75.00	ICB	(R)
(B) Channel Mileage			
(1) Channel Mileage			
Facility Per Mile	\$ 5.70	ICB	(R)
(2) Channel Mileage Termination Per Termination	\$45.00	ICB	(R)
(C) Optional Features and Functions			
(1) Telegraph Bridging Per Port			
- Two-Wire		ICB	
- Four-Wire		ICB	

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17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.3 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in 7.5 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
- Two-Wire	\$50.00 (R)	\$173.54
- Four-Wire	\$75.00 (R)	\$173.54
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile	\$5.70	(R)
(2) Channel Mileage Termination Per Termination	\$45.00	(R)
(C) Optional Features and Functions		
(1) Bridging		
(a) <u>Voice Bridging</u> Per Port		
-Two-Wire	\$6.50	
-Four-Wire	\$6.50	

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17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.3 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions (Cont'd)		
(1) Bridging (Cont'd)		
(b) <u>Data Bridging</u> per port		
- Two-Wire	\$6.50	(R)
- Four-Wire	\$6.50	(R)
(c) <u>Telephoto Bridging</u> per port		
- Two-Wire	ICB	
- Four-Wire	ICB	
(d) <u>DATAPHONE Select A-Station Bridging</u>		
Sequential Arrangement, Ports Per channel connected		
- Two-wire	ICB	
- Four-wire	ICB	
Addressable Arrangement, Ports Per channel connected		
- Two-wire	ICB	
- Four-wire	ICB	
(e) <u>Telemetry and Alarm Bridging</u>		
Active Bridging Channel Connections Per channel connected		
- Split Band	ICB	
- Summation	ICB	
Passive Bridging Channel Connections Per Channel Connected	ICB	

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.3 Voice Grade Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions (Cont'd)		
(2)	Conditioning Per Termination		
-	C Type	\$5.50	(R)
	Improved Attenuation Distortion*	ICB	
	Improved Envelope Delay Distortion*	ICB	
-	Data Capability	\$3.50	(R)
	Telephoto Capability	ICB	
-	Sealing Current	ICB	
(3)	Improved Return Loss for Effective Two-Wire or Four-wire Transmission Per Termination		
-	Two-Wire	\$9.00	(R)
-	Four-Wire	\$9.00	(R)
(4)	Customer Specified Receive Level per two-wire termination	ICB	

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805 Broadway, Vancouver, WA 98668

ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.3 Voice Grade Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions (Cont'd)		
(5)	Multiplexing Per arrangement Voice to Telegraph Grade	ICB	
(6)	Signaling Capability Per termination	\$9.00	(C)
(7)	Selective Signaling Arrangement Per arrangement	ICB	
(8)	Transfer Arrangement - Per four port arrangement including control channel termination***	ICB	
	- Per five port arrangement including control channel termination***	ICB	
(9)	Public Packet Switching Network (PPSN) Interface Arrangement Per arrangement	ICB	

*** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Program Audio Service

Regulations concerning Program Audio Service are set forth in 7.6 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) Channel Termination Per Termination			
- 200 to 3500 Hz	\$61.17	\$168.46	
- 100 to 5000 Hz	\$61.17	\$168.46	
- 50 to 8000 Hz	\$62.89	\$168.46	
- 50 to 15000 Hz	\$62.89	\$168.46	
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile	<u>Monthly Rate</u>		
- 200 to 3500 Hz	\$5.70		(R)
- 100 to 5000 Hz	\$5.70		
- 50 to 8000 Hz	\$5.70		
- 50 to 15000 Hz	\$5.70		(R)
(2) Channel Mileage Termination Per Termination			
- 200 to 3500 Hz	\$45.00		(R)
- 100 to 5000 Hz	\$45.00		
- 50 to 8000 Hz	\$45.00		
- 50 to 15000 Hz	\$45.00		(R)

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Program Audio Service (Cont'd)

		<u>Monthly Rate</u>
(C)	Optional Features and Functions	
(1)	Bridging, Distribution Amplifier Per Port	ICB
(2)	Gain Conditioning per service	ICB
(3)	Stereo per service	ICB

ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.5 Video Service

Regulations concerning Video Service are set forth in 7.7 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
- TV-1 or 2	ICB	ICB
- 4TV-5	ICB	ICB
- 6TV-5	ICB	ICB
- TV-15	ICB	ICB
(B) Channel Mileage	<u>Monthly Rate</u>	
(1) Channel Mileage Facility Per Mile		
- All	ICB	
(2) Channel Mileage Termination Per Termination		
- All	ICB	

ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.6 Digital Data Service

Regulations concerning Digital Data Service are set forth in 7.8 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) Channel Termination Per termination			
- 2.4 kbps	\$85.00 (R)	\$224.28	
- 4.8 kbps	\$85.00	\$224.28	
- 9.6 kbps	\$85.00	\$224.28	
- 56.0 kbps	\$85.00	\$224.28	
- 64.0 kbps	\$93.50 (R)	\$224.28	
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile			
- 2.4 kbps	\$5.70		(R)
- 4.8 kbps	\$5.70		
- 9.6 kbps	\$5.70		
- 56.0 kbps	\$5.70		
- 64.0 kbps	\$5.70		(R)
(2) Channel Mileage Termination Per Termination			
- 2.4 kbps	\$45.00		(R)
- 4.8 kbps	\$45.00		
- 9.6 kbps	\$45.00		
- 56.0 kbps	\$45.00		
- 64.0 kbps	\$45.00		(R)

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.6 Digital Data Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions		
	(1) Bridging Per port	\$7.85	(C)
	(2) Loop Transfer Arrangement Per four port arrangement*	ICB	
	(3) Public Packet Switching Network Interface Arrangement		
	- Per 9.6 kbps arrangement	ICB	
	- Per 56.0 kbps arrangement	ICB	

* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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ACCESS SERVICE

17. RATES AND CHARGES - CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 High Capacity Service

Regulations concerning High Capacity Service are set forth in 7.9 preceding.

	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
(A) Channel Termination Per Termination				
- 1.544 Mbps	\$250.00	(R)	\$235.44	
- 3.152 Mbps	ICB		ICB	
- 6.312 Mbps	ICB		ICB	
- 44.736 Mbps	\$2,800.00	(R)	\$750.00	
- 274.176 Mbps	ICB		ICB	
 (B) Channel Mileage	 <u>Monthly Rate</u>			
(1) Channel Mileage Facility Per Mile				
- 1.544 Mbps	\$14.00			(R)
- 3.152 Mbps	ICB			
- 6.312 Mbps	ICB			
- 44.736 Mbps	\$150.00			(R)
- 274.176 Mbps	ICB			
 (2) Channel Mileage Termination Per Termination				
- 1.544 Mbps	\$60.00			(R)
- 3.152 Mbps	ICB			
- 6.312 Mbps	ICB			
- 44.736 Mbps	\$450.00			(R)
- 274.176 Mbps	ICB			

* Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 High Capacity Service (Cont'd)Monthly
Rate

(C)	Term Discounts	<u>Percentage</u>	
	DS1 and DS3 services		
	36 months	10%	
	60 months	20%	
(D)	Optional Features and Functions		
(1)	Multiplexing, per arrangement		
	DS4 to DS1	ICB	
	DS3 to DS1	\$530.00	(R)
	DS2 to DS1	ICB	
	DS1C to DS1	ICB	
	DS1 to Voice	\$325.00	(I)
	DS1 to DS0	\$325.00	(I)
	DS0 to Subrates		
	- Up to 20 2.4 kbps services	ICB	
	- Up to 10 4.8 kbps services	ICB	
	- Up to 5 9.6 kbps services	ICB	

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.3 Special Access Service (Cont'd)

17.3.7	<u>High Capacity Service</u> (Cont'd)	Monthly Rate	
(D)	Optional Features and Functions (Cont'd)		
(2)	Automatic Loop Transfer Per arrangement*	ICB	
(3)	Transfer Arrangement Per four port arrangement including control channel termination**	ICB	
(E)	<u>ADSL Access Service Connection</u>	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
	Per 1.544 Mbps	\$250.00 (R)	\$ 170.00
	Per 44.736 Mbps	\$1,350.00 (R)	\$555.00
	Per 10BASE-T	\$300.48 (R)	\$170.00
	Per 100BASE-T	\$2,303.67 (R)	\$555.00
	Per OC3	See 17.4.7 (D) (5) following	
(F)	Shared SONET Ring Interoffice Transport Per DS3 Channel Mileage Facility	None	

* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services17.4.1 Access Ordering

	<u>Charge</u>	<u>Tariff Section Reference</u>
(A) <u>Access Order Charge</u> Per order	82.00	5.4.1
(B) <u>Service Date Change Charge</u> A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.4.1(A) preceding does not apply. The applicable charge is: Service Date Change Charge, per order	 35.00	 5.4.3
(C) <u>Design Change Charge</u> The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is: Design Change Charge, per order	 35.00	 5.4.3
(D) <u>Miscellaneous Service Order Charge</u> Per Occurrence	 35.00	 5.4.2

ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.2 Additional Engineering

<u>Additional Engineering Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>	
(A) Basic Time per engineer normally scheduled working hours	\$49.11	13.1	(I)
(B) Overtime per engineer outside of normally scheduled working hours	\$73.67	13.1	(I)
(C) Premium Time outside of scheduled work day, per engineer	\$98.23	13.1	(I)

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.3 Additional Labor

<u>Reference</u>	<u>Additional Labor Periods</u>	<u>Each Half Hour or Fraction</u>	<u>Tariff Section Thereof</u>	
(A)	Installation or Repair - Overtime, outside of normally scheduled working hours on a scheduled work day, per technician \$47.82*	13.2.2	13.2.1 &	(R)
	- Premium Time, outside of scheduled work day, per technician \$63.75*	13.2.2	13.2.1 &	(R)
(B)	Stand by			
	- Basic time, normally scheduled working hours, per technician	\$31.88	13.2.3	(R)
	- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	\$47.82*	13.2.3	(R)
	- Premium Time, outside of scheduled work day, per technician	\$63.75*	13.2.3	(R)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)

	<u>Additional Labor Periods</u>	<u>Each Half Hour or Fraction Thereof</u>		<u>Tariff Section Reference</u>	
		<u>Installation and Repair Technician</u>	<u>Central Office Maintenance Technician</u>		
(C)	Testing and Maintenance with other Telephone Companies, or Other Labor				
- Basic Time per technician normally scheduled working hours		\$31.88	\$31.88	13.2.5	(R)
- Overtime per technician outside of normally scheduled working hours on a scheduled work day,	\$47.82*	\$47.82*	13.2.5		(R)
- Premium Time per technician outside of scheduled work day	\$63.75*	\$63.75*	13.2.5		(R)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services(A) Additional Cooperative Acceptance Testing - Switched Access

<u>Each Half Hour or Tariff Fraction Testing Periods</u>	<u>Section Thereof</u>	<u>Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.	13.3.1(A)(1)

(B) Additional Automatic Testing - Switched Access

To First Point
of Switching

Additional Tests

	<u>Per Test Per Transmission Path</u>	
Gain-Slope Tests	ICB	13.3.1(A)(2)
C-Notched Noise Tests	ICB	13.3.1(A)(2)
1004 Hz Loss**	ICB	13.3.1(A)(2)
C-Message Noise**	ICB	13.3.1(A)(2)
Balance (return loss)**	ICB	13.3.1(A)(2)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

** 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests, however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

ACCESS SERVICE

17. RATES AND CHARGES - CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing - Switched AccessTo First Point
of Switching

Additional Tests

	Each Half Hour or Fraction <u>Thereof</u>	Tariff Section <u>Reference</u>
Gain-Slope, C-Notched Noise and any other agreed to tests, per technician	See the rates for Additional Labor as set forth in 17.4.3(C) preceding	13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing - Special Access

<u>Testing Periods</u>	Each Half Hour or Fraction <u>Thereof</u>	Tariff Section <u>Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.	13.3.1(B)(1)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing - Special Access

<u>Testing Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.	13.3.1(B)(2)

(F) Maintenance of Service

<u>Maintenance of Service Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding	13.3.2

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

(G) <u>Telecommunications Service Priority</u>	<u>Nonrecurring Charge</u>	<u>Tariff Section Reference</u>
Per service arranged	ICB	13.3.3
(H) <u>Controller Arrangement</u>	<u>Monthly Rate</u>	
Per Arrangement	ICB	13.3.4(A)
(I) <u>Presubscription</u>		
Per Telephone Exchange Service line or trunk*	5.00	13.4
(J) <u>Blocking Service**</u>		
- Per exchange service line or trunk and/or per Feature Group Switched Access Line	9.87	13.6

* This charge is generally billed to the end user who is the subscriber to the Telephone Exchange Service. In those instances where the IC both requests the presubscription change, and requests the associated charge billed to it, the Telephone Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a presubscription change, the Telephone Company will credit the subscriber's account for the presubscription change charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a presubscription change charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the presubscription change charge for the alleged unauthorized change. (S)(X)

** Blocking access to 900 Service is offered to all subscribers at no charge
(a) from November 1, 1993 through December 31, 1993 and
(b) at the time telephone service is established at a new number and for 60 days thereafter.

(X) Material originally filed under Transmittal 14 and became effective January 1, 2002

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805 Broadway, Vancouver, WA 98668

ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

(L)	<u>Billing Name and Address Service</u>	<u>Nonrecurring Charge</u>	<u>Tariff Section Reference</u>	
-	Per BNA Order	21.13	13.7.4(A)	
-	Per BNA Record	.22	13.7.4(A)	
-	Optional Magnetic Tape Charge-Per Magnetic Tape	40.00	13.7.4(B)	
-	Optional Format Programming Charge - Per each half hour or fraction thereof	75.00	13.7.4(C)	
(M)	<u>Originating Line Screening (OLS)</u>			
-	Per Exchange Line	5.53	13.9	
(N)	<u>Coin Supervision Additive Service</u>			
		<u>Monthly Rate</u>		
-	Per Exchange Service Line	2.08	13.10	
(O)	<u>Payphone-Specific Coding Digits Service</u>			(N)
	Rate will be effective November 17, 1998 through November 16, 2001, as described in Section 13.11 preceding.			
-	Per Pay telephone line	1.46	13.11	(N)

ACCESS SERVICE

17. RATES AND CHARGES -- CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services

(A) <u>Voice Grade Secure Communications</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
Type I, each T-3 Conditioning,	ICB rates and charges apply		
Additional Conditioning, per service termination	ICB rates and charges apply		
Type II, each G-1 Conditioning,	ICB rates and charges apply		
Type III, each G-2 Conditioning,	ICB rates and charges apply		
Additional Conditioning, per service termination	ICB rates and charges apply		
Type IV, each G-3 Conditioning,	ICB rates and charges apply		
Additional Conditioning, per service termination	ICB rates and charges apply		
 (B) <u>Wideband Digital Special Access Service</u>			
<u>Wideband Secure Communications</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
Type I, each	ICB rates and charges apply		
Type II, each	ICB rates and charges apply		
Type III, each	ICB rates and charges apply		

ACCESS SERVICE

17. RATES AND CHARGES - - CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.6 Digital Subscriber Line Access Services(A) Asymmetric Digital Subscriber Line Access Service

Regulations concerning Asymmetric Digital Subscriber Line Access Service are set forth in Section 8.1, preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) <u>ADSL Line Charge</u>		
Per Voice - Data Option	\$31.00 (R)	\$95.00
Per Data - Only Option	54.50 (R)	251.00

(B) Reserved for Future Use

(C) DSL Access Services Discount Pricing Arrangement

Regulations concerning the DSL Discount Pricing Arrangement Monthly Plan or Term Plan are set forth in Section 8.3, preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(1) <u>Monthly Plan Line Charges</u>			
ADSL Line Charge			
Per Voice - Data Option	\$29.00 (R)	\$95.00	
Per Data - Only Option	52.50 (R)	251.00	
(2) <u>Term Plan</u>			
(a) <u>Term Plan Charges</u>			
Per serving wire center Included in a Term Plan			
- Pricing Option 1	\$60.00 (R)	N/A	
- Pricing Option 2	\$125.00 (R)	N/A	
- Pricing Option 3	\$200.00 (R)	N/A	
(b) <u>Term Plan Line Charges</u>			
	<u>1 Year</u>	<u>3 Year</u>	<u>Nonrecurring</u>
Pricing Option 1			
Voice - Data Option	\$25.00 (R)	\$21.50 (R)	\$95.00
Per Data - Only Option	\$47.50 (R)	\$43.00 (R)	\$251.00
Pricing Option 2			
Voice - Data Option	\$22.00 (R)	\$17.25 (R)	\$95.00
Per Data - Only Option	\$44.00 (R)	\$38.00 (R)	\$251.00
Pricing Option 3			
Voice - Data Option	\$19.00 (R)	\$16.10 (R)	\$95.00
Per Data - Only Option	\$41.50 (R)	\$37.00 (R)	\$251.00

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ACCESS SERVICE

17. RATES AND CHARGES - - CENTURYTEL OF OHIO, INC. (Cont'd)

17.4 Other Services (Cont'd)

17.4.6 Digital Subscriber Line Access Services (Cont'd)

(D) DSL Network Reconfiguration
 Regulations concerning DSL Network Reconfigurations are as set forth in Section 8.1.5(D), preceding.

<u>DSL Network Reconfiguration Charge</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
Per DSL Access Service Line, Per Request	None	\$27.00	(R)

(D)

(D)

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ACCESS SERVICE

17. RATES AND CHARGES - - CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.7 Synchronous Optical Channel Service

Regulations concerning Synchronous Optical Channel Service are set forth in 7.2.1 preceding.

	<u>Monthly</u>	<u>3 Year(36 Month)</u>	<u>5 Year(60 month)</u>	
(A) Channel Termination Per Termination				
OC3/OC3c	\$5,000.00	\$4,500.00	\$4,000.00	
OC12	\$6,000.00	\$5,400.00	\$4,800.00	
OC48	\$11,000.00	\$9,900.00	\$8,800.00	
Per Mile, over 3 miles OC3, OC12 and OC48	N/A	N/A	N/A	
Channel Termination nonrecurring charge per termination is \$786.00				
(B) Channel Mileage Facility Per Mile				
OC3/OC3c	\$260.00 (R)	\$234.00 (R)	\$208.00	(R)
OC12	\$600.00	\$540.00 (R)	\$480.00	(R)
OC48	\$735.00	\$661.50	\$588.00	(R)
(C) Channel Mileage Termination per Termination				
OC3/OC3c	\$860.00	\$774.00 (R)	\$688.00	(R)
OC12	\$3,900.00	\$3,510.00 (R)	\$3,120.00	(R)
OC48	\$5,900.00	\$5,310.00 (R)	\$4,720.00	(R)

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ACCESS SERVICE

17. RATES AND CHARGES - - CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.7 Synchronous Optical Channel Service (Cont'd)(D) Optional Features and Functions

	<u>Monthly</u>	<u>3 Year(36 Month)</u>	<u>5 Year(60 month)</u>	
(1) Customer Node Per Node				
OC3/OC3c	\$950.00	\$855.00	\$760.00	
OC12	\$1,800.00	\$1,620.00	\$1,440.00	
OC48	\$8,000.00	\$7,200.00	\$6,400.00	
Customer Node nonrecurring charge per node is \$786.00				
(2) Customer Premise Port Per Port				
STS-1	\$110.00	\$99.00	\$88.00	
DS3	\$110.00	\$99.00	\$88.00	
OC3/OC3c	\$300.00	\$270.00	\$240.00	
OC12	\$1,100.00	\$990.00	\$880.00	
(3) Add/Drop Multiplexing Central Office Port Per Port				
DS3 (155.52 Mbps)	\$100.00	\$100.00	\$100.00	
OC3 (622.08 Mbps)	\$225.00 (R)	\$225.00 (R)	\$225.00	(R)
OC12 (2.4 Gbps)	\$825.00 (R)	\$825.00 (R)	\$825.00	(R)
DS1	\$30.00 (R)	\$30.00 (R)	\$30.00	(R)
(4) Shared SONET Ring Interoffice Transport per Channel Mileage Facility	None	None	None	
(5) DSL Access Service Connection				
OC3/OC3c	\$1,850.00 (R)	\$1,850.00 (R)	\$1,850.00	(R)

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ACCESS SERVICE

17. Rates and Charges – CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network17.4.8.1 Frame Relay Access Service

Regulations concerning Frame Relay Access Service are set forth in 16.1 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Connections		
(A) <u>Frame Relay Access Connection (FRAC)</u> (per FRAC)		
56.0 kbps	\$135.00	\$240.00
64.0 kbps	\$135.00	\$240.00
1.544 Mbps	\$340.00	\$251.00
44.736 Mbps	N/A	N/A
(B) <u>Frame Relay Inter-network Connection (FRIC)</u> (per FRIC)		
1.544 Mbps	\$340.00	\$251.00
44.736 Mbps	N/A	N/A
(C) <u>End User Port</u> (per port)		
56.0 kbps	\$ 70.00	
64.0 kbps	\$ 70.00	
1.544 Mbps	\$163.00	
44.736 Mbps	\$1,140.00	
(D) <u>Inter-network Customer Port</u> (per port)		
1.544 Mbps	\$163.00	
44.736 Mbps	\$1,140.00	
(E) <u>Term Discounts Percentage</u>		
36 months	10%	
60 months	20%	

(C)

(C)

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17. Rates and Charges – CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network17.4.8.1 Frame Relay Access Service (Cont'd)

(C)

(F) Permanent Virtual Connections (PVCs)

(1)	Standard	Monthly Rate	(2) Extended	Monthly Rate
<u>CIR</u>		<u>Rate</u>	<u>CIR</u>	<u>Rate</u>
8 kbps		\$ 5.00	8 kbps	\$ 6.00
16 kbps		\$ 5.00	16 kbps	\$ 6.00
28 kbps		\$ 6.00	28 kbps	\$ 7.00
32 kbps		\$ 6.00	32 kbps	\$ 7.00
56 kbps		\$ 7.00	56 kbps	\$ 8.00
64 kbps		\$ 7.00	64 kbps	\$ 8.00
128 kbps		\$ 9.00	128 kbps	\$ 15.00
192 kbps		\$ 12.00	192 kbps	\$ 25.00
256 kbps		\$ 14.00	256 kbps	\$ 30.00
384 kbps		\$ 20.00	384 kbps	\$ 45.00
512 kbps		\$ 28.00	512 kbps	\$ 60.00
768 kbps		\$ 36.00	768 kbps	\$ 90.00
769 - 1152 kbps		\$ 38.00	769 - 1152 kbps	\$ 128.00
1153 - 1536 kbps		\$ 50.00	1153 - 1536 kbps	\$ 160.00
1537 - 4000 kbps		\$120.00	1537 - 4000 kbps	\$ 400.00
4001 -10000 kbps		\$250.00	4001 -10000 kbps	\$ 960.00
10001-15000 kbps		\$330.00	10001-15000 kbps	\$1365.00
15001-20000 kbps		\$410.00	15001-20000 kbps	\$1715.00
20001-25000 kbps		\$490.00	20001-25000 kbps	\$2015.00
25001-30000 kbps		\$570.00	25001-30000 kbps	\$2260.00
30001-35000 kbps		\$650.00	30001-35000 kbps	\$2455.00
35001-40000 kbps		\$730.00	35001-40000 kbps	\$2600.00
40001-45000 kbps		\$800.00	40001-45000 kbps	\$2685.00

Nonrecurring
Charge(G) PVC Installation Charge \$50.00(H) PVC Rearrangement Charge \$25.00

(C)

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ACCESS SERVICE

17. RATES AND CHARGES - - CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service

Regulations concerning Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) are set forth in Section 16.2, preceding.

(1) Ports

(a) Per Basic UNI or NNI Port

<u>Port Speed</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
1.544 Mbps	\$360.00	\$500.00
44.736 Mbps	\$2,000.00	\$750.00
155.52 Mbps	\$3,100.00 (R)	\$1,200.00
622.08 Mbps	\$4,500.00 (R)	\$1,500.00

(b) Per Ethernet-based UNI or NNI Port

<u>Port Speed</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
10 Mbps	\$555.00 (R)	\$1,364.00
100 Mbps	\$4,500.00	\$1,414.00
1 Gbps	N/A	N/A

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ACCESS SERVICE

17. RATES AND CHARGES - - CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)(2) Virtual Paths Monthly Rate Nonrecurring Charge

(a) Path charge, per Path \$5.00 \$70.00

(b) Capacity charge, per Megabit of capacity, per path

Traffic Route Prioritization Parameter

<u>Path Size</u>	<u>CBR</u>	<u>VBR-rt</u>	<u>VBR-nrt</u>	<u>UBR</u>
1 to 50 Mbps	\$25.00	\$20.00	\$15.00	\$12.50
51 to 150 Mbps	\$22.50	\$17.50	\$12.50	\$10.00
Over 150 Mbps	\$17.50	\$12.50	\$10.00	\$7.50

(3) Virtual Circuit Channels Monthly Rate Nonrecurring Charge (T)

Per Virtual Circuit Channel \$5.00 \$70.00

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ACCESS SERVICE

17. RATES AND CHARGES - - CENTURYTEL OF OHIO, INC. (Cont'd)17.4 Other Services (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)(4) Optional Features and Functions

(a) DSL Access Service Connection

(i) Per Basic UNI or NNI Port Equipped

<u>Port Speed</u>	<u>Nonrecurring Charge</u>
1.544 Mbps	\$170.00
44.736 Mbps	\$555.00
155.52 Mbps	\$1,145.00
622.08 Mbps	\$1,300.00

(ii) Per Ethernet-based UNI or NNI Port Equipped

Port Speed Nonrecurring Charge

10 Mbps	\$170.00
100 Mbps	\$555.00
1 Gbps	N/A

(iii) Per 1.544 Mbps DSL VCC

(C)

<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
\$30.00	\$70.00

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC.

Rate Per Month

All Tariff Section References contained herein are to the National Exchange Carrier Association, Inc. (NECA) Tariff F.C.C. No. 5.

18.1.1 Carrier Common Line Access Service
Regulations concerning Carrier Common Line Access and Federal Universal Service Charge (FUSC) are set forth in Section 3 of the NECA Tariff F.C.C. No. 5.

Carrier Common Line Rates are set forth in the NECA Tariff F.C.C. No. 5, at Section 17.1.1.

18.1.2 End User Access Service
Regulations concerning End User Access Service are set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF FCC NO. 5. (C)

(C)

(D)

(D)

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.2 Switched Access Service

			Tariff Section Reference
18.2.1	<u>Nonrecurring Charges</u>	<u>Rate</u>	<u>Reference</u>
(A)	<u>Local Transport Installation</u>		
	Per Entrance Facility		6.4.1(B)(1)
-	Voice Grade Two-Wire	\$174.80	(I)
-	Voice Grade Four-Wire	\$174.80	(I)
-	High Capacity DS1	\$237.15	(I)
-	High Capacity DS3	\$518.25	(I)
(B)	<u>Interim NXX Translation Per Order</u>		
	Per LATA or market Area	\$ 82.00	6.4.1(B)(2)

ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.2 Switched Access Service (Cont'd)

	<u>Rate</u>	<u>Tariff Section Reference</u>
18.2.1 <u>Nonrecurring Charges</u> (Cont'd)		
(C) <u>FGC and FGD Conversion of Multifrequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling</u>		
-Per 24 Trunks Converted to Fraction thereof on a Per Order Basis	\$278.00	
(D) <u>Trunk Activation Per Order</u>		
- Per 24 Trunks Activated or Fraction thereof, on a Per Order Basis	\$279.06	6.4.1(B)(1)
(E) <u>Flexible Automatic Number Identification (Flex ANI)</u>		
- Per End Office Per CIC	NONE	6.9.1(V)

18.2.2 Local TransportPremium AccessEntrance Facility

Per Termination1

-Voice Grade Two Wire	\$25.00	6.4.1(C)(1)
-Voice Grade Four Wire	\$35.00	
-High Capacity DS1	\$100.00 (R)	
-High Capacity DS3	\$1,350.00 (R)	

Direct Trunked TransportDirect Trunked Facility

Per Mile

-Voice Grade	\$.28 (R)
-High Capacity DS1	\$2.66 (R)
-High Capacity DS3	\$35.00 (R)

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)

18.2 <u>Switched Access Service</u> (Cont'd)	<u>Rates</u>	<u>Tariff Section Reference</u>
18.2.2 <u>Local Transport</u> (Cont'd)		
<u>Premium Access</u>		
<u>Direct Trunked Termination</u>		
Per Termination		
- Voice Grade	\$3.00 (R)	
- High Capacity DS1	\$20.00 (R)	
- High Capacity DS3	\$200.00 (R)	
<u>Multiplexing</u>		6.1.3(A)(5)
Per Arrangement		
- DS3 to DS1	\$310.00	(R)
- DS1 to Voice	\$133.00	(R)
<u>Tandem Switched Transport</u>		6.1.3(A)(3)
- <u>Tandem Switched Facility</u>		
Per Access Minute Per Mile	\$0.000025 (R)	
- <u>Tandem Switched Termination</u>		
Per Access Minute		
Per Termination	\$0.000185 (R)	
- <u>Tandem Switching</u>		
Per Access Minute Per Tandem	\$0.001170 (R)	
<u>Transport Interconnection Charge</u>		6.1.3(A)(4)
Premium Per Access Minute	N/A	
Non-premium Per Access Minute	N/A	
<u>Network Blocking Per Blocked Call</u>		
Applies to FGD only	\$.032	6.8.6

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.2 Switched Access Service (Cont'd)18.2.2 Local Transport (Cont'd)

(A) <u>Common Channel Signaling Network Connection</u>	Tariff	Section Reference
	<u>Rate</u>	
(1) <u>Signaling Network Access Link</u>		6.9.6
- Signaling Mileage Facility Per Mile	\$.28 (R)	
- Signaling Mileage Termination Per Termination	\$3.00 (R)	
- Signaling Entrance Facility Per Facility	\$35.00	
- Nonrecurring Charge	\$221.00	
(2) <u>STP Port</u>		
- Per Port	\$865.60 (R)	
(B) <u>Toll Free Service Access Code Data Base Access Queries</u>		6.10.3
Per Query		
Basic	\$0.006375 (R)	
Vertical Feature	\$0.006375 (R)	6.9.5

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18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.2 Switched Access Service (Cont'd)18.2.3 End OfficeRates(A) Local Switching

Premium Per Access Minute \$0.005482 (R)

Transitional Per Access Minute \$0.002467 (R)

(B) Information Surcharge

- Premium Per 100 Access Minutes \$0.018037 (R)

- Non-premium Per 100 Access Minutes \$0.008117 (R)

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.2 Switched Access Service (Cont'd)18.2.4 Assumed Minutes of Use Assumed

		Minutes Per Month Per Line or Trunk	Tariff Section Reference
(A)	Feature Group A, Two Way Calling (1510 Originating, 2685 Terminating)	4195	6.5.4
(B)	Feature Group A, Originating Only	1510	6.5.4
(C)	Feature Group A, Terminating Only	2685	6.5.4
(D)	Feature Group B, Two Way Calling (3132 Originating, 5568 Terminating)	8700	6.6.4
(E)	Feature Group B, Originating Only	3132	6.6.4
(F)	Feature Group B, Terminating Only	5568	6.6.4
		<u>Rate</u>	

18.2.5 Operator Transfer Service

Per Call Transferred	0.4588	6.9.4
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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service18.3.1 Surcharge for Special Access Service

	<u>Monthly Rate</u>	<u>Tariff Section Reference</u>
- Per Voice Grade Equivalent	\$25.00	7.3

ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.2 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.4 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
- Two-Wire	\$25.00	\$110.40
- Four-Wire	\$35.00	\$110.40
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile	\$.28 (R)	
(2) Channel Mileage Termination Per Termination	\$3.00 (R)	
(C) Optional Features and Functions		
(1) Telegraph Bridging Per Port		
- Two-Wire	\$ 3.60	
- Four-Wire	\$ 3.60	

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.3 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.5 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
- Two-Wire	\$25.00	\$174.80
- Four-Wire	\$35.00	\$174.80
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile	\$.28 (R)	
(2) Channel Mileage Termination Per Termination	\$3.00 (R)	
(C) Optional Features and Functions		
(1) Bridging		
(a) <u>Voice Bridging</u> Per Port		
- Two-Wire	\$ 4.25	
- Four-Wire	\$ 4.25	

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18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.3 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions (Cont'd)		
(1) Bridging (Cont'd)		
(b) <u>Data Bridging</u> per port		
- Two-Wire	\$6.50	(I)
- Four-Wire	\$6.50	(I)
(c) <u>Telephoto Bridging</u> per port		
- Two-Wire	ICB	
- Four-Wire	ICB	
(d) <u>DATAPHONE Select A-Station Bridging</u>		
Sequential Arrangement, Ports		
Per channel connected		
- Two-wire	ICB	
- Four-wire	ICB	
Addressable Arrangement, Ports		
Per channel connected		
- Two-wire	ICB	
- Four-wire	ICB	
(e) <u>Telemetry and Alarm Bridging</u>		
Active Bridging Channel Connections		
Per channel connected		
- Split Band	ICB	
- Summation	ICB	
Passive Bridging Channel Connections		
Per Channel Connected	ICB	

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.3 Voice Grade Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions (Cont'd)		
(2)	Conditioning Per Termination		
	- C Type	\$5.50	(I)
	- Improved Attenuation Distortion	ICB	
	- Improved Envelope Delay Distortion	ICB	
	- Data Capability	\$3.50	(I)
	- Telephoto Capability	ICB	
	- Sealing Current	ICB	
(3)	Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination		
	- Two-Wire	\$7.80	
	- Four-Wire	\$7.80	
(4)	Customer Specified Receive Level per two-wire termination	ICB	

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18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.3 Voice Grade Service (Cont'd)

(C)	Optional Features and Functions (Cont'd)	<u>Monthly Rate</u>	
(5)	Multiplexing Per arrangement Voice to Telegraph Grade	ICB	
(6)	Signaling Capability Per termination	\$9.00	(I)
(7)	Selective Signaling Arrangement Per arrangement	ICB	
(8)	Transfer Arrangement		
	- Per four port arrangement including control channel termination***	ICB	
	- Per five port arrangement including control channel termination***	ICB	
(9)	Public Packet Switching Network (PPSN) Interface Arrangement Per arrangement	ICB	

*** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.4 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.6 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination		
Per Termination		
- 200 to 3500 Hz	\$25.00	\$169.68
- 100 to 5000 Hz	\$30.00	\$169.68
- 50 to 8000 Hz	\$30.00	\$169.68
- 50 to 15000 Hz	\$30.00	\$169.68
(B) Channel Mileage		
(1) Channel Mileage Facility	<u>Monthly Rate</u>	
Per Mile		
- 200 to 3500 Hz	\$1.50	
- 100 to 5000 Hz	\$3.00	
- 50 to 8000 Hz	\$4.50	
- 50 to 15000 Hz	\$6.00	
(2) Channel Mileage Termination		
Per Termination		
- 200 to 3500 Hz	\$15.00	
- 100 to 5000 Hz	\$30.00	
- 50 to 8000 Hz	\$45.00	
- 50 to 15000 Hz	\$60.00	

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18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.4 Program Audio Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions		
(1)	Bridging, Distribution Amplifier Per Port	\$11.67	(I)
(2)	Gain Conditioning per service	\$ 7.54	(I)
(3)	Stereo per service	\$12.94	(I)

ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.5 Video Service

Regulations concerning Video Service are set forth in Section 7.7 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
- TV-1 or 2	ICB	ICB
- 4TV-5	ICB	ICB
- 6TV-5	ICB	ICB
- TV-15	ICB	ICB

(B) Channel Mileage	<u>Monthly Rate</u>
(1) Channel Mileage Facility	
Per Mile	
- All	ICB
(2) Channel Mileage Termination	
Per Termination	
- All	ICB

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18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.6 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.8 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination, per termination		
- 2.4 kbps	\$37.80 (R)	\$225.91
- 4.8 kbps	\$37.80	\$225.91
- 9.6 kbps	\$37.80	\$225.91
- 19.2 kbps	\$37.80	\$225.91
- 56.0 kbps	\$37.80	\$225.91
- 64.0 kbps	\$41.58 (R)	\$225.91
(B) Channel Mileage		
(1) Channel Mileage Facility, per Mile		
- 2.4 kbps	\$.28 (R)	
- 4.8 kbps	\$.28	
- 9.6 kbps	\$.28	
- 19.2 kbps	\$.28	
- 56.0 kbps	\$.28	
- 64.0 kbps	\$.28 (R)	
(2) Channel Mileage Termination, per Termination		
- 2.4 kbps	\$3.00 (R)	
- 4.8 kbps	\$3.00	
- 9.6 kbps	\$3.00	
- 19.2 kbps	\$3.00	
- 56.0 kbps	\$3.00	
- 64.0 kbps	\$3.00 (R)	

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18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.6 Digital Data Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions		
(1)	Bridging Per port	\$7.85	(C)
(2)	Loop Transfer Arrangement Per four port arrangement*	ICB	
(3)	Public Packet Switching Network Interface Arrangement		
	- Per 9.6 kbps arrangement	ICB	
	- Per 56.0 kbps arrangement	ICB	

* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.7 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.9 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination		
Per Termination		
- DS1 - 1.544 Mbps	\$100.00 (R)	\$237.15
- DS1C - 3.152 Mbps	ICB	ICB
- DS2 - 6.312 Mbps	ICB	ICB
- DS3 - 44.736 Mbps	\$1,350.00 (R)	\$518.25
- DS4 - 274.176 Mbps	ICB	ICB

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18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.7 High Capacity Service (Cont'd)

(B) Channel Mileage	<u>Monthly Rate</u>
(1) Channel Mileage Facility per Mile	
- 64Kbps*	\$.28 (R)
- 1.544 Mbps	\$3.14 (R)
- 3.152 Mbps	ICB
- 6.312 Mbps	ICB
- 44.736 Mbps	\$35.00 (R)
- 274.176 Mbps	ICB
(2) Channel Mileage Termination per Termination	
- 64 Kbps*	\$3.00 (R)
- 1.544 Mbps	\$20.00 (R)
- 3.152 Mbps	ICB
- 6.312 Mbps	ICB
- 44.736 Mbps	\$200.00 (R)
- 274.176 Mbps	ICB
(C) Term Discount	
DS1 and DS3 Service	<u>Percentage</u>
36 Months	10%
60 Months	20%

* Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 Kbps.

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)18.3.7 High Capacity Service (Cont'd)

	<u>Monthly Rate</u>
(D) Optional Features and Functions	
(1) Multiplexing, per arrangement	
DS4 to DS1	ICB
DS3 to DS1	\$310.00 (R)
DS2 to DS1	ICB
DS1C to DS1	ICB
DS1 to Voice**	\$133.00 (R)
DS1 to DS0	\$185.00
DS0 to Subrates	
- Up to 20 2.4 kbps services	ICB
- Up to 10 4.8 kbps services	ICB
- Up to 5 9.6 kbps services	ICB

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18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.3 Special Access Service (Cont'd)

18.3.7	<u>High Capacity Service</u> (Cont'd)	Monthly Rate	
(D)	Optional Features and Functions (Cont'd)		
(2)	Automatic Loop Transfer Per arrangement*	\$118.40	
(3)	Transfer Arrangement Per four port arrangement including control channel termination**	\$100.64	
(E)	<u>ADSL Access Service Connection</u>	Monthly Rate	Nonrecurring Charge
	Per 1.544 Mbps	\$250.00 (R)	\$170.00
	Per 44.736 Mbps	\$1,350.00 (R)	\$555.00
	Per 10BASE-T	\$300.48	\$170.00
	Per 100BASE-T	\$2,303.67	\$555.00
	Per OC3	See 18.4.7 (D)(5) following	
(F)	Shared SONET Ring Interoffice Transport		
	Per DS3 Channel Mileage Facility	None	

* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services18.4.1 Access Ordering

	<u>Charge</u>	<u>Tariff Section Reference</u>
(A) <u>Access Order Charge</u>		
Per order	\$82.00	5.4.1
(B) <u>Service Date Change Charge</u>		
A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 18.4.1(A) preceding does not apply. The applicable charge is:		
Service Date Change Charge, per order	\$35.00	5.4.3
(C) <u>Design Change Charge</u>		
The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:		
Design Change Charge, per order	\$35.00	5.4.3
(D) <u>Miscellaneous Service Order Charge</u>		
Per Occurrence	\$35.00	5.4.2

ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.2 Additional Engineering

	<u>Additional Engineering Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>	
(A)	Basic Time per engineer normally scheduled working hours	\$42.10	13.1	(I)
(B)	Overtime per engineer outside of normally scheduled working hours	\$63.15	13.1	(I)
(C)	Premium Time outside of scheduled work day, per engineer	\$84.20	13.1	(I)

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.3 Additional Labor

<u>Additional Labor Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
(A) Installation or Repair		
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician \$48.56*	13.2.2	13.2.1 & (R)
- Premium Time, outside of scheduled work day, per technician \$64.74*	13.2.2	13.2.1 & (R)
(B) Stand by		
- Basic time, normally scheduled working hours, per technician \$32.37	13.2.3	(R)
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician \$48.56*	13.2.3	(R)
- Premium Time, outside of scheduled work day, per technician \$64.74*	13.2.3	(R)

- A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.
-

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.3 Additional Labor (Cont'd)

	<u>Additional Labor Periods</u>		<u>Each Half Hour or Fraction Thereof</u>		
			<u>Installation and Repair Technician</u>	<u>Central Office Maintenance Technician</u>	<u>Tariff Section Reference</u>
(C) Testing and Maintenance with other Telephone Companies, or Other Labor					
- Basic Time per technician normally scheduled working hours		\$32.37	\$32.37		13.2.4& 13.2.5 (R)
- Overtime per technician outside of normally scheduled working hours on a scheduled work day,		\$48.56*	\$48.56*		13.2.4& 13.2.5 (R)
- Premium Time per technician outside of scheduled work day		\$64.74*	\$64.74*		13.2.4& 13.2.5 (R)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.4 Miscellaneous Services(A) Additional Cooperative Acceptance Testing - Switched Access

<u>Testing Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 18.4.3(C) preceding.	13.3.1(A)(1)

(B) Additional Automatic Testing - Switched AccessTo First Point of Switching

Additional Tests

	<u>Per Test Per Transmission Path</u>	
Gain-Slope Tests	ICB	13.3.1(A)(2)
C-Notched Noise Tests	ICB	13.3.1(A)(2)
1004 Hz Loss**	ICB	13.3.1(A)(2)
C-Message Noise**	ICB	13.3.1(A)(2)
Balance (return loss)**	ICB	13.3.1(A)(2)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

** 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests, however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing - Switched AccessTo First Point
of Switching

Additional Tests

	Each Half Hour or Fraction <u>Thereof</u>	Tariff Section <u>Reference</u>
Gain-Slope, C-Notched Noise and any other agreed to tests, per technician	See the rates for Additional Labor as set forth in 18.4.3(C) preceding	13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing - Special Access

<u>Testing Periods</u>	Each Half Hour or Fraction <u>Thereof</u>	Tariff Section <u>Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 18.4.3(C) preceding.	13.3.1(B)(1)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing - Special Access

<u>Testing Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 18.4.3(C) preceding.	13.3.1(B)(2)

(F) Maintenance of Service

<u>Maintenance of Service Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 18.4.3(C) preceding.	13.3.2

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ACCESS SERVICE

18. RATES AND CHARGES -- CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.4 Miscellaneous Services (Cont'd)

(L)	<u>Billing Name and Address Service</u>	<u>Nonrecurring Charge</u>	<u>Tariff Section Reference</u>	
	- Per BNA Order	\$50.94	13.7.4(A)	
	- Per BNA Record	\$ 0.33	13.7.4(A)	
	- Optional Magnetic Tape Charge-Per Magnetic Tape	\$91.44	13.7.4(B)	
	- Optional Format Programming Charge - Per each half hour or fraction thereof	\$37.20	13.7.4(C)	
(M)	<u>Originating Line Screening (OLS)</u>			
	- Per Exchange Line	\$5.31	13.9	
(N)	<u>Coin Supervision Additive Service</u>			
		<u>Monthly Rate</u>		
	- Per exchange service line	\$ 2.26	13.10	
(O)	<u>Paypone-Specific Coding Digits Service</u>			(N)
	Rate will be effective November 17, 1998 through November 16, 2001, as described in Section 13.11 Preceding			
		<u>Monthly Rate</u>		
	- Per Pay telephone line	\$ 0.41	13.11	(N)

ACCESS SERVICE

18. RATES AND CHARGES - CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.5 Special Federal Government Access Services

(A)	<u>Voice Grade Secure Communications</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
	Type I, each T-3 Conditioning,	ICB rates and charges apply		
	Additional Conditioning, per service termination	ICB rates and charges apply		
	Type II, each G-1 Conditioning,	ICB rates and charges apply		
	Type III, each G-2 Conditioning,	ICB rates and charges apply		
	Additional Conditioning, per service termination	ICB rates and charges apply		
	Type IV, each G-3 Conditioning,	ICB rates and charges apply		
	Additional Conditioning, per service termination	ICB rates and charges apply		
(B)	<u>Wideband Digital Special Access Service</u>			
	<u>Wideband Secure Communications</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
	Type I, each	ICB rates and charges apply		
	Type II, each	ICB rates and charges apply		
	Type III, each	ICB rates and charges apply		

ACCESS SERVICE

18. RATES AND CHARGES - - CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.6 Digital Subscriber Line Access Services(A) Asymmetric Digital Subscriber Line Access Service

Regulations concerning Asymmetric Digital Subscriber Line Access Service are set forth in Section 8.1, preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) <u>ADSL Line Charge</u>		
Per Voice - Data Option	\$31.00 (R)	\$95.00
Per Data - Only Option	54.50 (R)	251.00

(B) Reserved for Future Use

(C) DSL Access Services Discount Pricing Arrangement

Regulations concerning the DSL Discount Pricing Arrangement Monthly Plan or Term Plan are set forth in Section 8.3, preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(1) <u>Monthly Plan Line Charges</u>			
ADSL Line Charge			
Per Voice - Data Option	\$29.00 (R)	\$95.00	
Per Data - Only Option	52.50 (R)	251.00	
(2) <u>Term Plan</u>			
(a) <u>Term Plan Charges</u>			
Per serving wire center Included in a Term Plan			
- Pricing Option 1	\$60.00 (R)	N/A	
- Pricing Option 2	\$125.00 (R)	N/A	
- Pricing Option 3	\$200.00 (R)	N/A	
(b) <u>Term Plan Line Charges</u>			
	<u>1 Year</u>	<u>3 Year</u>	<u>Nonrecurring Charge</u>
Pricing Option 1			
Voice - Data Option	\$25.00 (R)	\$21.50 (R)	\$95.00
Per Data - Only Option	\$47.50 (R)	\$43.00 (R)	\$251.00
Pricing Option 2			
Voice - Data Option	\$22.00 (R)	\$17.25 (R)	\$95.00
Per Data - Only Option	\$44.00 (R)	38.00 (R)	\$251.00
Pricing Option 3			
Voice - Data Option	\$19.00 (R)	\$16.10 (R)	\$95.00
Per Data - Only Option	\$41.50 (R)	\$37.00 (R)	\$251.00

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ACCESS SERVICE

18. RATES AND CHARGES - - CENTURYTEL OF WISCONSIN, INC. (Cont'd)

18.4 Other Services (Cont'd)

18.4.6 Digital Subscriber Line Access Services (Cont'd)

(D) DSL Network Reconfiguration

Regulations concerning DSL Network Reconfigurations are as set forth in Section 8.1.5(D), preceding.

<u>DSL Network Reconfiguration Charge</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
Per DSL Access Service Line, Per Request	None	\$27.00	(R)

(D)

(D)

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ACCESS SERVICE

18. RATES AND CHARGES - - CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.7 Synchronous Optical Channel Service

Regulations concerning Synchronous Optical Channel Service are set forth in 7.2.1 preceding.

	<u>Monthly</u>	<u>3 Year(36 Month)</u>	<u>5 Year(60 month)</u>
(A) Channel Termination Per Termination			
OC3/OC3c	\$2,425.00 (R)	\$2,182.50 (R)	\$1,940.00 (R)
OC12	\$4,200.00 (R)	\$3,780.00 (R)	\$3,360.00 (R)
OC48	\$8,200.00 (R)	\$7,380.00 (R)	\$6,560.00 (R)
Per Mile, over 3 miles OC3, OC12 and OC48	N/A	N/A	N/A
Channel Termination nonrecurring charge per termination is \$786.00			
(B) Channel Mileage Facility Per Mile			
OC3/OC3c	\$200.00 (R)	\$180.00 (R)	\$160.00 (R)
OC12	\$480.00 (R)	\$432.00 (R)	\$384.00 (R)
OC48	\$600.00 (R)	\$540.00 (R)	\$480.00 (R)
(C) Channel Mileage Termination per Termination			
OC3/OC3c	\$650.00 (R)	\$585.00 (R)	\$520.00 (R)
OC12	\$3,000.00 (R)	\$2,700.00 (R)	\$2,400.00 (R)
OC48	\$4,500.00 (R)	\$4,050.00 (R)	\$3,600.00 (R)

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ACCESS SERVICE

18. RATES AND CHARGES - - CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.7 Synchronous Optical Channel Service (Cont'd)(D) Optional Features and Functions

	<u>Monthly</u>	<u>3 Year(36 Month)</u>	<u>5 Year(60 month)</u>
(1) Customer Node Per Node			
OC3/OC3c	\$855.00 (R)	\$769.50 (R)	\$684.00 (R)
OC12	\$1,620.00 (R)	\$1,458.00 (R)	\$1,296.00 (R)
OC48	\$6,000.00 (R)	\$5,400.00 (R)	\$4,800.00 (R)
Customer Node nonrecurring charge per node is \$786.00			
(2) Customer Premise Port Per Port			
STS-1	\$110.00	\$99.00	\$88.00
DS3	\$110.00	\$99.00	\$88.00
OC3/OC3c	\$265.00 (R)	\$238.50 (R)	\$212.00 (R)
OC12	\$825.00 (R)	\$742.50 (R)	\$660.00 (R)
(3) Add/Drop Multiplexing Central Office Port Per Port			
DS3 (155.52 Mbps)	\$85.00 (R)	\$85.00 (R)	\$85.00 (R)
OC3 (622.08 Mbps)	\$225.00 (R)	\$225.00 (R)	\$225.00 (R)
OC12 (2.4 Gbts)	\$800.00 (R)	\$800.00 (R)	\$800.00 (R)
DS1	\$30.00 (R)	\$30.00 (R)	\$30.00 (R)
(4) Shared SONET Ring Interoffice Transport per Channel Mileage Facility	None	None	None
(5) DSL Access Service Connection			
OC3/OC3c	\$1,850.00 (R)	\$1,850.00 (R)	\$1,850.00 (R)

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ACCESS SERVICE

18. Rates and Charges – CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.8 Public Packet Data Network18.4.8.1 Frame Relay Access Service (C)

Regulations concerning Frame Relay Access Service are set forth in 16.1 preceding.

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Connections</u>			
(A)	<u>Frame Relay Access Connection (FRAC)</u> (per FRAC)		
	56.0 kbps	\$135.00	\$240.00
	64.0 kbps	\$135.00	\$240.00
	1.544 Mbps	\$340.00	\$251.00
	44.736 Mbps	\$2,710.00	\$251.00
(B)	<u>Frame Relay Inter-network Connection (FRIC)</u> (per FRIC)		
	1.544 Mbps	\$340.00	\$251.00
	44.736 Mbps	\$2,710.00	\$251.00
(C)	<u>End User Port</u> (per port)		
	56.0 kbps	\$ 70.00	
	64.0 kbps	\$ 70.00	
	1.544 Mbps	\$163.00	
	44.736 Mbps	\$1,140.00	
(D)	<u>Inter-network Customer Port</u> (per port)		
	1.544 Mbps	\$163.00	
	44.736 Mbps	\$1,140.00	
(E)	<u>Term Discounts</u>		<u>Percentage</u>
	36 months		10%
	60 months		20%

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ACCESS SERVICE

18. Rates and Charges – CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.8 Public Packet Data Network18.4.8.1 Frame Relay Access Service (Cont'd)

(C)

(F) Permanent Virtual Connections (PVCs)

(1)	Standard	Monthly	(2) Extended	Monthly
<u>CIR</u>		<u>Rate</u>	<u>CIR</u>	<u>Rate</u>
8 kbps		\$ 5.00	8 kbps	\$ 6.00
16 kbps		\$ 5.00	16 kbps	\$ 6.00
28 kbps		\$ 6.00	28 kbps	\$ 7.00
32 kbps		\$ 6.00	32 kbps	\$ 7.00
56 kbps		\$ 7.00	56 kbps	\$ 8.00
64 kbps		\$ 7.00	64 kbps	\$ 8.00
128 kbps		\$ 9.00	128 kbps	\$ 15.00
192 kbps		\$ 12.00	192 kbps	\$ 25.00
256 kbps		\$ 14.00	256 kbps	\$ 30.00
384 kbps		\$ 20.00	384 kbps	\$ 45.00
512 kbps		\$ 28.00	512 kbps	\$ 60.00
768 kbps		\$ 36.00	768 kbps	\$ 90.00
769 - 1152 kbps		\$ 38.00	769 - 1152 kbps	\$ 128.00
1153 - 1536 kbps		\$ 50.00	1153 - 1536 kbps	\$ 160.00
1537 - 4000 kbps		\$120.00	1537 - 4000 kbps	\$ 400.00
4001 -10000 kbps		\$250.00	4001 -10000 kbps	\$ 960.00
10001-15000 kbps		\$330.00	10001-15000 kbps	\$1365.00
15001-20000 kbps		\$410.00	15001-20000 kbps	\$1715.00
20001-25000 kbps		\$490.00	20001-25000 kbps	\$2015.00
25001-30000 kbps		\$570.00	25001-30000 kbps	\$2260.00
30001-35000 kbps		\$650.00	30001-35000 kbps	\$2455.00
35001-40000 kbps		\$730.00	35001-40000 kbps	\$2600.00
40001-45000 kbps		\$800.00	40001-45000 kbps	\$2685.00

Nonrecurring
Charge(G) PVC Installation Charge \$50.00(H) PVC Rearrangement Charge \$25.00

(C)

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ACCESS SERVICE

18. RATES AND CHARGES - - CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service

Regulations concerning Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) are set forth in Section 16.2, preceding.

(1) Ports

(a) Per Basic UNI or NNI Port

<u>Port Speed</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
1.544 Mbps	\$360.00	\$500.00
44.736 Mbps	\$2,000.00	\$750.00
155.52 Mbps	\$3,100.00 (R)	\$1,200.00
622.08 Mbps	\$4,500.00 (R)	\$1,500.00

(b) Per Ethernet-based UNI or NNI Port

<u>Port Speed</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	(T)
10 Mbps	\$555.00 (R)	\$1,364.00	
100 Mbps	\$4,500.00	\$1,414.00	
1 Gbps	N/A	N/A	

ACCESS SERVICE

18. RATES AND CHARGES - - CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (Continued)

(2)	<u>Virtual Paths</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(a)	Path charge, per Path	\$5.00	\$70.00
(b)	Capacity charge, per Megabit of capacity, per path		

Traffic Route Prioritization Parameter

<u>Path Size</u>	<u>CBR</u>	<u>VBR-rt</u>	<u>VBR-nrt</u>	<u>UBR</u>
1 to 50 Mbps	\$25.00	\$20.00	\$15.00	\$12.50
51 to 150 Mbps	\$22.50	\$17.50	\$12.50	\$10.00
Over 150 Mbps	\$17.50	\$12.50	\$10.00	\$7.50

(3)	<u>Virtual Circuit Channels</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
	Per Virtual Circuit Channel	\$5.00	\$70.00

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ACCESS SERVICE

18. RATES AND CHARGES - - CENTURYTEL OF WISCONSIN, INC. (Cont'd)18.4 Other Services (Cont'd)18.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)(4) Optional Features and Functions

(a) DSL Access Service Connection

(i) Per Basic UNI or NNI Port Equipped

<u>Port Speed</u>	<u>Nonrecurring Charge</u>
1.544 Mbps	\$170.00
44.736 Mbps	\$555.00
155.52 Mbps	\$1,145.00
622.08 Mbps	\$1,300.00

(ii) Per Ethernet-based UNI or NNI Port Equipped

<u>Port Speed</u>	<u>Nonrecurring Charge</u>
10 Mbps	\$170.00
100 Mbps	\$555.00
1 Gbps	N/A

(iii) Per 1.544 Mbps DSL VCC

(C)

<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
\$30.00	\$70.00

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805 Broadway, Vancouver, WA 98668

ACCESS SERVICE

19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC.

Rate Per Month

All Tariff Section References contained herein are to the
National Exchange Carrier Association, Inc. (NECA)
Tariff F.C.C. No. 5.

19.1.1 Carrier Common Line Access Service

Regulations concerning Carrier Common Line Access and
Federal Universal Service Charge (FUSC) are set forth in
Section 3 of the NECA Tariff F.C.C. No. 5.

(S)(X)

Carrier Common Line Rates are set forth in the
NECA Tariff F.C.C. No. 5, at Section 17.1.1.

19.1.2 End User Access Service

Regulations concerning End User Access
Service are set forth in Section 4 of the NECA Tariff F.C.C.
No. 5.

(X) Material originally filed under Transmittal 14 and became effective January 1, 2002

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ACCESS SERVICE

19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.2 Switched Access Service

	<u>Rate</u>	<u>Tariff Section Reference</u>
19.2.1 <u>Nonrecurring Charges</u>		
(A) <u>Local Transport Installation</u>		
Per Entrance Facility		6.4.1(B)(1)
- Voice Grade Two-Wire	\$158.51	
- Voice Grade Four-Wire	\$158.51	
- High Capacity DS1	\$178.20	
- High Capacity DS3	\$491.27	
(B) <u>Interim NXX Translation Per Order</u>		
Per LATA or market Area	\$ 81.00	6.4.1(B)(2)

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.2 Switched Access Service (Cont'd)

	<u>Rate</u>	<u>Tariff Section Reference</u>
19.2.1 <u>Nonrecurring Charges (Cont'd)</u>		
(C) <u>FGC and FGD Conversion of Multifrequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling</u> -Per 24 Trunks Converted to Fraction thereof on a Per Order Basis	\$245.14	
(D) <u>Trunk Activation Per Order</u> -Per 24 Trunks Activated or Fraction thereof, on a Per Order Basis	\$245.14	6.4.1(B)(1)
(E) <u>Flexible Automatic Number Identification (Flex ANI)</u> -Per End Office Per CIC NONE	6.9.1(V)	
19.2.2 <u>Local Transport Premium Access Entrance Facility</u> Per Termination		
-Voice Grade Two Wire	\$17.75 (R)	
-Voice Grade Four Wire	\$24.00 (R)	
-High Capacity DS1	\$72.00 (R)	
-High Capacity DS3	\$1,000.00 (R)	
<u>Direct Trunked Transport Direct Trunked Facility</u> Per Mile		
-Voice Grade	\$0.18 (R)	
-High Capacity DS1	\$2.93 (R)	
-High Capacity DS3	\$35.00 (R)	

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.2 Switched Access Service Cont'd)

19.2.2	<u>Local Transport</u> (Cont'd)	<u>Rates</u>	<u>Tariff</u> <u>Section</u> <u>Reference</u>
	<u>Premium Access</u>		
	<u>Direct Trunked Termination</u>		
	Per Termination		
	-Voice Grade	\$2.80 (R)	
	-High Capacity DS1	\$19.25 (R)	
	-High Capacity DS3	\$90.00 (R)	
	<u>Multiplexing</u>		6.1.3(A)(5)
	Per Arrangement		
	-DS3 to DS1	\$350.00 (R)	
	-DS1 to Voice	\$250.00	
	<u>Tandem Switched Transport</u>		6.1.3(A)(3)
	<u>Tandem Switched Facility</u>		
	-Per Access Minute Per Mile	\$0.000008 (R)	
	<u>Tandem Switched Termination</u>		
	-Per Access Minute		
	-Per Termination	\$0.000051 (R)	
	<u>Tandem Switching</u>		
	-Per Access Minute Per Tandem	\$0.010226	
	<u>Transport Interconnection Charge</u>		6.1.3(A)(4)
	Premium Per Access Minute	N/A	
	Non-premium Per Access Minute	N/A	
	<u>Network Blocking Per Blocked Call</u>		
	Applies to FGD only	\$0.0318	6.8.6

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.2 Switched Access Service (Cont'd)19.2.2 Local Transport (Cont'd)(A) Common Channel Signaling Network Connection

	<u>Rate</u>	<u>Tariff Section Reference</u>
(1) <u>Signaling Network Access Link</u>		6.9.6
-Signaling Mileage Facility Per Mile	\$.18 (R)	
-Signaling Mileage Termination Per Termination	\$2.80 (R)	
-Signaling Entrance Facility Per Facility	\$24.00 (R)	
-Nonrecurring Charge	\$174.26	
(2) <u>STP Port</u>		
- Per Port	\$900.00 (R)	
(B) <u>Toll Free Service Access Code Data Base Access Queries</u>		6.10.3
Per Query		
Basic	\$0.004024 (R)	
Vertical Feature	\$0.00525	6.9.5

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.2 Switched Access Service (Cont'd)

19.2.3	<u>End Office</u>	<u>Rates</u>
(A)	<u>Local Switching</u>	
	Premium Per Access Minute	\$0.009828 (R)
	Non-premium Per Access Minute	\$0.004422 (R)
(B)	<u>Information Surcharge</u>	
	Premium Per 100 Access Minutes	\$0.006411 (R)
	Non-premium Per 100 Access Minutes	\$0.002885 (R)

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CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.2 Switched Access Service (Cont'd)

19.2.4	<u>Assumed Minutes of Use</u>	Assumed Minutes Per Month Per Line or Trunk	Tariff Section <u>Reference</u>
(A)	Feature Group A, Two Way Calling (1510 Originating, 2685 Terminating)	4195	6.5.4
(B)	Feature Group A, Originating Only	1510	6.5.4
(C)	Feature Group A, Terminating Only	2685	6.5.4
(D)	Feature Group B, Two Way Calling (3132 Originating, 5568 Terminating)	8700	6.6.4
(E)	Feature Group B, Originating Only	3132	6.6.4
(F)	Feature Group B, Terminating Only	5568	6.6.4
		<u>Rate</u>	
19.2.5	<u>Operator Transfer Service</u>		
	Per Call Transferred	0.46449	6.9.4

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.3 Special Access Service

19.3.1 Surcharge for Special Access Service

	<u>Monthly Rate</u>	<u>Tariff Section Reference</u>
- Per Voice Grade Equivalent	\$25.00	7.3

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.3 Special Access Service (Cont'd)19.3.2 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.4 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
- Two-Wire	\$17.75 (R)	\$158.51
- Four-Wire	\$24.00 (R)	\$158.51
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile	\$0.18 (R)	
(2) Channel Mileage Termination Per Termination	\$2.80 (R)	
(C) Optional Features and Functions		
(1) Telegraph Bridging Per Port		
- Two-Wire	\$ 6.40	
- Four-Wire	\$ 6.40	

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.3 Special Access Service (Cont'd)19.3.3 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.5 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
-Two-Wire	\$17.75 (R)	\$158.51
-Four-Wire	\$24.00 (R)	\$158.51
(B) Channel Mileage		
(1) Channel Mileage Facility		
-Per Mile	\$0.18 (R)	
(2) Channel Mileage Termination		
-Per Termination	\$2.80 (R)	
(C) Optional Features and Functions		
(1) Bridging		
(a) <u>Voice Bridging</u> Per Port		
-Two-Wire	\$6.50	
-Four-Wire	\$6.50	

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CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.3 Special Access Service (Cont'd)19.3.3 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>
(C) Optional Features and Functions (Cont'd)	
(1) Bridging (Cont'd)	
(b) <u>Data Bridging</u> per port	
- Two-Wire	\$6.50
- Four-Wire	\$6.50
(c) <u>Telephoto Bridging</u> per port	
- Two-Wire	ICB
- Four-Wire	ICB
(d) <u>DATAPHONE Select A-Station Bridging</u>	
Sequential Arrangement, Ports	
Per channel connected	
- Two-wire	ICB
- Four-wire	ICB
Addressable Arrangement, Ports	
Per channel connected	
- Two-wire	ICB
- Four-wire	ICB
(e) <u>Telemetry and Alarm Bridging</u>	
Active Bridging Channel Connections	
Per channel connected	
- Split Band	ICB
- Summation	ICB
Passive Bridging Channel Connections	
Per Channel Connected	ICB

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CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.3 Special Access Service (Cont'd)19.3.3 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>
(C) Optional Features and Functions (Cont'd)	
(2) Conditioning Per Termination	
- C Type	\$7.20
- Improved Attenuation Distortion	ICB
- Improved Envelope Delay Distortion	ICB
- Data Capability	\$4.95
- Telephoto Capability	ICB
- Sealing Current	ICB
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination	
- Two-Wire	\$12.60
- Four-Wire	\$12.60
(4) Customer Specified Receive Level per two-wire termination	ICB

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CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.3 Special Access Service (Cont'd)19.3.3 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>
(C) Optional Features and Functions (Cont'd)	
(5) Multiplexing Per arrangement Voice to Telegraph Grade	ICB
(6) Signaling Capability Per termination \$12.95	
(7) Selective Signaling Arrangement Per arrangement	ICB
(8) Transfer Arrangement -Per four port arrangement including control channel termination***	ICB
- Per five port arrangement including control channel termination***	ICB
(9) Public Packet Switching Network (PPSN) Interface Arrangement Per arrangement	ICB

*** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd) (T)19.3 Special Access Service (Cont'd)19.3.4 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.6 preceding.

	<u>Monthly</u> <u>Rate</u>	<u>Nonrecurring</u> <u>Charge</u>	(T)
(A) Channel Termination			
Per Termination			
- 200 to 3500 Hz	\$40.00	\$146.69	
- 100 to 5000 Hz	\$45.00	\$146.69	
- 50 to 8000 Hz	\$45.00	\$146.69	
- 50 to 15000 Hz	\$45.00	\$146.69	
(B) Channel Mileage	<u>Monthly Rate</u>		
(1) Channel Mileage Facility			
Per Mile			
- 200 to 3500 Hz	\$2.22		
- 100 to 5000 Hz	\$4.45		
- 50 to 8000 Hz	\$6.65		
- 50 to 15000 Hz	\$8.87		
(2) Channel Mileage Termination			
Per Termination			
- 200 to 3500 Hz	\$22.28		
- 100 to 5000 Hz	\$44.57		
- 50 to 8000 Hz	\$66.85		
- 50 to 15000 Hz	\$89.13		

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.3 Special Access Service (Cont'd)19.3.4 Program Audio Service (Cont'd)

	<u>Monthly Rate</u>
(C) Optional Features and Functions	
(1) Bridging, Distribution Amplifier Per Port	\$19.66
(2) Gain Conditioning per service	\$12.70
(3) Stereo per service	\$21.81

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd) (T)19.3 Special Access Service (Cont'd)19.3.5 Video Service

Regulations concerning Video Service are set forth in Section 7.7 preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	(T)
(A) Channel Termination Per Termination			
- TV-1 or 2	ICB	ICB	
- 4TV-5	ICB	ICB	
- 6TV-5	ICB	ICB	
- TV-15	ICB	ICB	
(B) Channel Mileage	<u>Monthly Rate</u>		
(1) Channel Mileage Facility			
Per Mile			
- All	ICB		
(2) Channel Mileage Termination			
Per Termination			
- All	ICB		

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.3 Special Access Service (Cont'd)19.3.6 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.8, preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination per termination		
- 2.4 kbps	\$35.00 (R)	\$174.26
- 4.8 kbps	\$35.00	\$174.26
- 9.6 kbps	\$35.00	\$174.26
- 19.2 kbps	\$35.00	\$174.26
- 56.0 kbps	\$35.00	\$174.26
-64.0 kbps	\$38.50 (R)	\$174.26
(B) Channel Mileage		
(1) Channel Mileage Facility per Mile		
- 2.4 kbps	\$0.18 (R)	
- 4.8 kbps	\$0.18	
- 9.6 kbps	\$0.18	
- 19.2 kbps	\$0.18	
- 56.0 kbps	\$0.18	
- 64.0 kbps	\$0.18 (R)	
(2) Channel Mileage Termination per Termination		
- 2.4 kbps	\$2.80 (R)	
- 4.8 kbps	\$2.80	
- 9.6 kbps	\$2.80	
- 19.2 kbps	\$2.80	
- 56.0 kbps	\$2.80	
- 64.0 kbps	\$2.80 (R)	

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.3 Special Access Service (Cont'd)19.3.6 Digital Data Service (Cont'd)

		<u>Monthly Rate</u>
(C)	Optional Features and Functions	
(1)	Bridging Per port	\$7.85
(2)	Loop Transfer Arrangement Per four port arrangement*	ICB
(3)	Public Packet Switching Network Interface Arrangement	
	- Per 9.6 kbps arrangement	ICB
	- Per 56.0 kbps arrangement	ICB

* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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19. RATES AND CHARGES -- ACCESS SERVICE
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CENTURYTEL OF MICHIGAN, INC. (Cont'd)

19.3 Special Access Service (Cont'd)

19.3.7 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.9 preceding.

		<u>Monthly</u> <u>Rate</u>	<u>Nonrecurring</u> <u>Charge</u>
(A)	Channel Termination		
	Per Termination		
	-DS1 1.544 Mbps	\$72.00 (R)	\$178.20
	-DS1C 3.152 Mbps	ICB	ICB
	-DS2 6.312 Mbps	ICB	ICB
	-DS3 44.736 Mbps	\$1,000.00 (R)	\$491.27
	-DS4 274.176 Mbps	ICB	ICB

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CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.3 Special Access Service (Cont'd)19.3.7 High Capacity Service (Cont'd)

(B)	Channel Mileage	<u>Monthly Rate</u>
	(1) Channel Mileage Facility Per Mile	
	- 64Kbps*	\$0.18 (R)
	- 1.544 Mbps	\$2.93 (R)
	- 3.152 Mbps	ICB
	- 6.312 Mbps	ICB
	- 44.736 Mbps	\$35.00 (R)
	- 274.176 Mbps	ICB
	(2) Channel Mileage Termination Per Termination	
	- 64 Kbps*	\$2.80 (R)
	- 1.544 Mbps	\$19.25 (R)
	- 3.152 Mbps	ICB
	- 6.312 Mbps	ICB
	- 44.736 Mbps	\$90.00 (R)
	- 274.176 Mbps	ICB
	(C) Term Discount	<u>Percentage</u>
	DS1 and DS3 Service	
	36 Months	10%
	60 Months	20%

* Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 Kbps.

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CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.3 Special Access Service (Cont'd)19.3.7 High Capacity Service (Cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(D) Optional Features and Functions		
(1) Multiplexing, per arrangement		
DS4 to DS1	ICB	
DS3 to DS1	\$350.00 (R)	
DS2 to DS1	ICB	
DS1C to DS1	ICB	
DS1 to Voice**	\$250.00	
DS1 to DS0	\$250.00	
DS0 to Subrates		
- Up to 20 2.4 kbps services	ICB	
- Up to 10 4.8 kbps services	ICB	
- Up to 5 9.6 kbps services	ICB	
- Up to 5 9.6 kbps services	ICB	

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CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.3 Special Access Service (Cont'd)19.3.7 High Capacity Service (Cont'd)

	Monthly Rate	
(D) Optional Features and Functions (Cont'd)		
(2) Automatic Loop Transfer Per arrangement*	\$155.55	
(3) Transfer Arrangement Per four port arrangement including control channel termination**	\$169.53	
(E) <u>ADSL Access Service Connection</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per 1.544 Mbps	\$250.00	\$ 170.00
Per 44.736 Mbps	\$1,350.00	\$ 555.00
Per 10BASE-T	\$315.33	\$170.00
Per 100BASE-T	\$2,417.54	\$555.00
Per OC3	See 19.4.7 (D)(5) following	
(F) Shared SONET Ring Interoffice Transport Per DS3 Channel Mileage Facility	None	

* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services19.4.1 Access Ordering

	<u>Charge</u>	<u>Tariff Section Reference</u>
(A) <u>Access Order Charge</u>		
Per order	\$81.00	5.4.1
(B) <u>Service Date Change Charge</u>		
A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 18.4.1(A) preceding does not apply. The applicable charge is:		
Service Date Change Charge, per order	\$34.00	5.4.3
(C) <u>Design Change Charge</u>		
The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:		
Design Change Charge, per order	\$34.00	5.4.3
(D) <u>Miscellaneous Service Order Charge</u>		
Per Occurrence \$34.00	5.4.2	

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CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)19.4.2 Additional Engineering

<u>Additional Engineering</u> <u>Periods</u>	<u>Each Half</u> <u>Hour or</u> <u>Fraction</u> <u>Thereof</u>	<u>Tariff</u> <u>Section</u> <u>Reference</u>
(A) Basic Time per engineer normally scheduled working hours	\$49.25	13.1
(B) Overtime per engineer outside of normally scheduled working hours	\$73.87	13.1
(C) Premium Time outside of scheduled work day, per engineer	\$98.49	13.1

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)19.4.3 Additional Labor

<u>Additional Labor</u> <u>Periods</u>	<u>Each Half</u> <u>Hour or</u> <u>Fraction</u> <u>Thereof</u>	<u>Tariff</u> <u>Section</u> <u>Reference</u>
(A) Installation or Repair		
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	\$47.95*	13.2.1 & 13.2.2
- Premium Time, outside of scheduled work day, per technician	\$63.93*	13.2.1 & 13.2.2
(B) Stand by		
- Basic time, normally scheduled working hours, per technician	\$31.96	13.2.3
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	\$47.95*	13.2.3
- Premium Time, outside of scheduled work day, per technician	\$63.93*	13.2.3

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)19.4.3 Additional Labor (Cont'd)

		Each Half Hour or Fraction Thereof	Tariff Section Reference
(C)	Testing and Maintenance with other Telephone Companies, or Other Labor		
	- Basic Time per technician normally scheduled working hours	\$31.96	3.2.4& 13.2.5
	- Overtime per technician outside of normally scheduled working hours on a scheduled work day,	\$47.95*	13.2.4& 13.2.5
	- Premium Time per technician outside of scheduled work day	\$63.93*	13.2.4& 13.2.5

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)19.4.4 Miscellaneous Services(A) Additional Cooperative Acceptance Testing - Switched Access

<u>Testing Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 18.4.3(C) preceding.	13.3.1(A)(1)

(B) Additional Automatic Testing - Switched Access

<u>To First Point of Switching</u>	<u>Per Test Per</u>	<u>Transmission Path</u>
Additional Tests		
Gain-Slope Tests	ICB	13.3.1(A)(2)
C-Notched Noise Tests	ICB	13.3.1(A)(2)
1004 Hz Loss**	ICB	13.3.1(A)(2)
C-Message Noise**	ICB	13.3.1(A)(2)
Balance (return loss)**	ICB	13.3.1(A)(2)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

** 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests, however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)19.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing - Switched AccessTo First Point
of Switching

Additional Tests

Gain-Slope,
C-Notched Noise and
any other agreed to
tests, per technicianEach Half Hour
or Fraction
ThereofSee the rates
for Additional
Labor as set
forth in 18.4.3(C)
precedingTariff
Section
Reference

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing - Special AccessTesting PeriodsBasic Time, Overtime*
and Premium Time*Each Half
Hour or
Fraction
ThereofSee the rates
for Additional
Labor as set
forth in 18.4.3(C)
preceding.Tariff
Section
Reference

13.3.1(B)(1)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)19.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing - Special Access

<u>Testing Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 18.4.3(C) preceding.	13.3.1(B)(2)

(F) Maintenance of Service

<u>Maintenance of Service Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 18.4.3(C) preceding.	13.3.2

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)19.4.4 Miscellaneous Services (Cont'd)

(G) <u>Telecommunications Service Priority</u>	<u>Nonrecurring Charge</u>	<u>Tariff Section Reference</u>
Per service arranged	\$ 54.63	13.3.3
(H) <u>Controller Arrangement</u>	<u>Monthly Rate</u>	
Per Arrangement	\$100.00	13.3.4(A)
(I) <u>Presubscription</u>		
Per Telephone Exchange Service line or trunk*	\$ 5.00	13.4
(J) <u>Blocking Service**</u>		
- Per exchange service line or trunk and/or per Feature Group Switched Access Line	\$ 11.20	13.6

*

This cha

Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a presubscription change, the Telephone Company will credit the subscriber's account for the presubscription change charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a presubscription change charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the presubscription change charge for the alleged unauthorized change.

(T)

** Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter.

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)19.4.4 Miscellaneous Services (Cont'd)

(L)	<u>Billing Name and Address Service</u>	<u>Nonrecurring Charge</u>	<u>Tariff Section Reference</u>
-	Per BNA Order	\$50.94	13.7.4(A)
-	Per BNA Record	\$0.33	13.7.4(A)
-	Optional Magnetic Tape Charge-Per Magnetic Tape	\$91.44	13.7.4(B)
-	Optional Format Programming Charge - Per each half hour or fraction thereof	\$37.20	13.7.4(C)
(M)	<u>Originating Line Screening (OLS)</u>		
-	Per Exchange Line	\$7.95	13.9
(N)	<u>Coin Supervision Additive Service</u>	<u>Monthly Rate</u>	
-	Per exchange service line	\$2.21	13.10
(O)	<u>Payphone-Specific Coding Digits Service</u>		
	Rate will be effective November 17, 1998 through November 16, 2001, as described in Section 13.11 preceding.	<u>Monthly Rate</u>	
-	Per Pay telephone line	\$3.12	13.11

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)19.4.5 Special Federal Government Access Services

(A)	<u>Voice Grade Secure Communications</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
	Type I, each T-3 Conditioning,	ICB rates and charges apply		
	Additional Conditioning, per service termination	ICB rates and charges apply		
	Type II, each G-1 Conditioning,	ICB rates and charges apply		
	Type III, each G-2 Conditioning,	ICB rates and charges apply		
	Additional Conditioning, per service termination	ICB rates and charges apply		
	Type IV, each G-3 Conditioning,	ICB rates and charges apply		
	Additional Conditioning, per service termination	ICB rates and charges apply		
(B)	<u>Wideband Digital Special Access Service</u>			
	<u>Wideband Secure Communications</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
	Type I, each	ICB rates and charges apply		
	Type II, each	ICB rates and charges apply		
	Type III, each	ICB rates and charges apply		

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.4 Other Services (Cont'd)19.4.6 Digital Subscriber Line Access Services(A) Asymmetric Digital Subscriber Line Access Service

Regulations concerning Asymmetric Digital Subscriber Line Access Service are set forth in Section 8.1, preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) <u>ADSL Line Charge</u>		
Per Voice - Data Option	\$31.00 (R)	\$95.00
Per Data - Only Option	54.50 (R)	251.00

(B) Reserved for Future Use (T)

(C) DSL Access Services Discount Pricing Arrangement (T)

Regulations concerning the DSL Discount Pricing Arrangement Monthly Plan or Term Plan are set forth in Section 8.3, preceding.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) <u>Monthly Plan Line Charges</u>		
<u>ADSL Line Charge</u>		
Per Voice - Data Option	\$29.00 (R)	\$95.00
Per Data - Only Option	52.50 (R)	251.00

(2) Term Plan(a) Term Plan Charges

Per serving wire center
Included in a Term Plan

- Pricing Option 1	\$60.00 (R)	N/A
- Pricing Option 2	\$125.00 (R)	N/A
- Pricing Option 3	\$200.00 (R)	N/A

(b) Term Plan Line Charges

	<u>1 Year</u>	<u>3 Year</u>	<u>Nonrecurring Charge</u>
Pricing Option 1			
Voice - Data Option	\$24.00 (R)	\$21.00 (R)	\$95.00
Per Data - Only Option	\$47.50 (R)	\$43.00 (R)	\$251.00
Pricing Option 2			
Voice - Data Option	\$21.00 (R)	\$17.00 (R)	\$95.00
Per Data - Only Option	\$44.00 (R)	38.00 (R)	\$251.00
Pricing Option 3			
Voice - Data Option	\$19.00 (R)	\$16.00 (R)	\$95.00
Per Data - Only Option	\$41.50 (R)	\$37.00 (R)	\$251.00

(T)

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PO Box 4065, Monroe, LA 71211

ACCESS SERVICE

19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

19.4 Other Services (Cont'd)

19.4.6 Digital Subscriber Line Access Services (Cont'd)

(D) DSL Network Reconfiguration
 Regulations concerning DSL Network Reconfigurations are as set forth in Section 8.1.5(D), preceding.

<u>DSL Network Reconfiguration Charge</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
Per DSL Access Service Line, Per Request	None	\$27.00	(R)

(D)

(D)

ACCESS SERVICE

19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.4 Other Services (Cont'd)19.4.7 Synchronous Optical Channel Service

Regulations concerning Synchronous Optical Channel Service are set forth in 7.2.1 preceding.

	<u>Monthly</u>	<u>3 Year(36 Month)</u>	<u>5 Year(60 month)</u>
(A) Channel Termination Per Termination			
OC3/OC3c	\$1,300.00 (R)	\$1,170.00 (R)	\$1,040.00 (R)
OC12	\$4,150.00 (R)	\$3,735.00 (R)	\$3,320.00 (R)
OC48	\$10,500.00	\$9,450.00	\$8,400.00
Per Mile, over 3 miles OC3, OC12 and OC48	N/A	N/A	N/A
Channel Termination nonrecurring charge per termination is \$786.00			
(B) Channel Mileage Facility Per Mile			
OC3/OC3c	\$225.00 (R)	\$202.50 (R)	\$180.00 (R)
OC12	\$450.00 (R)	\$405.00 (R)	\$360.00 (R)
OC48	\$550.00 (R)	\$495.00 (R)	\$440.00 (R)
(C) Channel Mileage Termination per Termination			
OC3/OC3c	\$800.00 (R)	\$720.00 (R)	\$640.00 (R)
OC12	\$2,900.00 (R)	\$2,610.00 (R)	\$2,320.00 (R)
OC48	\$5,900.00	\$5,310.00 (R)	\$4,720.00 (R)

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)19.4 Other Services (Cont'd)19.4.7 Synchronous Optical Channel Service (Cont'd)

	(D) <u>Optional Features and Functions</u>		
	<u>Monthly</u>	<u>3 Year(36 Month)</u>	<u>5 Year(60 month)</u>
(1) Customer Node			
Per Node			
OC3/OC3c	\$950.00	\$855.00	\$760.00
OC12	\$1,800.00	\$1,620.00	\$1,440.00
OC48	\$6,000.00 (R)	\$5,400.00 (R)	\$4,800.00 (R)
Customer Node nonrecurring charge per node is \$786.00			
(2) Customer Premise			
Port Per Port			
STS-1	\$110.00	\$99.00	\$88.00
DS3	\$110.00	\$99.00	\$88.00
OC3/OC3c	\$250.00 (R)	\$225.00 (R)	\$200.00 (R)
OC12	\$825.00 (R)	\$742.50 (R)	\$660.00 (R)
(3) Add/Drop Multiplexing			
Central Office Port			
Per Port			
DS3 (155.52 Mbps)	\$100.00	\$100.00	\$100.00
OC3 (622.08 Mbps)	\$225.00 (R)	\$225.00 (R)	\$225.00 (R)
OC12 (2.4 Gbts)	\$825.00 (R)	\$825.00 (R)	\$825.00 (R)
DS1	\$30.00 (R)	\$30.00 (R)	\$30.00 (R)
(4) Shared SONET			
Ring Interoffice			
Transport per			
Channel Mileage			
Facility	None	None	None
(5) DSL Access Service			
Connection			
OC3/OC3c	\$1,850.00 (R)	\$1,850.00 (R)	\$1,850.00 (R)

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)

19.4.8 Public Packet Data Network

19.4.8.1

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19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
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(T)

19.4 Other Services (Cont'd)

19.4.8 Public Packet Data Network

19.4.8.1

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(T)

19.4 Other Services (Cont'd)18.4.9.2 Asynchronous Transfer Mode Cell Relay Access Service

Regulations concerning Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) are set forth in Section 16.2, preceding.

(1) Ports

(a) Per Basic UNI or NNI Port

<u>Port Speed</u>	<u>Rate</u>	<u>Monthly Charge</u>	<u>Nonrecurring</u>
1.544 Mbps	\$360.00	\$500.00	
44.736 Mbps		\$2,000.00	\$750.00
155.52 Mbps		\$3,100.00 (R)	\$1,200.00
622.08 Mbps		\$4,500.00 (R)	\$1,500.00

(b) Per Ethernet-based UNI or NNI Port

<u>Port Speed</u>	<u>Rate</u>	<u>Monthly Charge</u>	<u>Nonrecurring</u>
10 Mbps		\$555.00 (R)	\$1,364.00
100 Mbps		\$4,500.00	\$1,414.00
1 Gbps		N/A	N/A

(T)

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805 Broadway, Vancouver, WA 98668

ACCESS SERVICE

19. RATES AND CHARGES -- CENTURYTEL MIDWEST-MICHIGAN, INC./
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(a) Path charge, per Path \$5.00 \$70.00 (T)

(b) Capacity charge, per Megabit of capacity, per path

Traffic Route Prioritization Parameter

<u>Path Size</u>	<u>CBR</u>	<u>VBR-rt</u>	<u>VBR-nrt</u>	<u>UBR</u>
1 to 50 Mbps	\$25.00	\$20.00	\$15.00	\$12.50
51 to 150 Mbps	\$22.50	\$17.50	\$12.50	\$10.00
Over 150 Mbps	\$17.50	\$12.50	\$10.00	\$7.50

(3) Virtual Circuit Channels Monthly Rate Nonrecurring Charge (T)

Per Virtual Circuit Channel \$5.00 \$70.00 (T)

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CENTURYTEL OF MICHIGAN, INC. (Cont'd)

(T)

19.4 Other Services (Cont'd)19.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)(4) Optional Features and Functions

(a) DSL Access Service Connection

(i) Per Basic UNI or NNI Port Equipped

<u>Port Speed</u>	<u>Nonrecurring Charge</u>
1.544 Mbps	\$170.00
44.736 Mbps	\$555.00
155.52 Mbps	\$1,145.00
622.08 Mbps	\$1,300.00

(ii) Per Ethernet-based UNI or NNI Port Equipped

<u>Port Speed</u>	<u>Nonrecurring Charge</u>
10 Mbps	\$170.00
100 Mbps	\$555.00
1 Gbps	N/A

(iii) Per 1 Mbps DSL VCC

<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
\$30.00	\$70.00

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