15. SONET SERVICES-INTEROFFICE

15.1 General

The CNT Private Line Interoffice Channel SONET Services provide for the transmission of various digital signals.

15.1.1. Description

These CNT Private Line Interoffice Channel SONET Services are configured by combining service components at designated CNT Central Offices. The CNT Central Offices may be within the same LATA or may be in different LATAs. CNT Private Line SONET Interoffice Channels are furnished on a two-point basis only.

15.1.2. Regulations

In addition to the Regulations in Section 2, preceding, the following apply.

- Availability These Services are available from designated CNT central offices, and may not be Α. available in every LATA.
- B. Connection to Other Services

Other access at various speeds may be connected to a designated CNT Central Office.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

15. SONET SERVICE-INTEROFFICE

15.1 General (Cont'd)

15.1.3. Notice of Termination

The Notice of Termination for all CNT Private Line SONET Service components is one month. Recurring charges will apply for a period of one month from the date CNT receives the termination notice or until the requested termination date, whichever period is longer. These charges will apply during this period whether or not the Customer continues to use the service.

15.1.4 Minimum Payment Period

The minimum payment period for a Local Channel Service or Access Coordination Function used for CNT Private Line SONET Service shall be 12 months.

15.1.5. Cancellation Charge

As specified within this tariff the cancellation charge for individual case basis orders canceled after the start of installation will be equal to an estimate of the net costs incurred in each installation not to exceed the charges for the minimum payment period.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

15. SONET SERVICE-INTEROFFICE

15.2. Service Components and Rates

The components of CNT Private Line SONET Service are Interoffice Channels and Office Connections.

15.2.1. Interoffice Channel

An Interoffice Channel is a channel between two designated CNT central offices, points of connection, or a combination thereof.

- A. Rates are as specified in the Price List.
- B. Termination Charge A termination charge will apply if the customer terminates service prior to the end of the term specified.
- 15.2.2. Office Connections

A. Access Connection

An Access Connection provides the function, at a CNT central office, of connecting Ring Network Access Service or other access to an IOC. One access connection applies for each other access connected.

Refer to Price List.

Installation charges do not apply when the access connection is ordered for installation at the same time as an CNT Private Line SONET Service. The CNT Private Line SONET Service IOC must remain in service for at least 12 months. If the IOC is disconnected prior to the 12 months, the customer is liable for a termination charge equal to the installation charge for the access connection.

B. Function Connection

A function connection provides the function, at a CNT central office, of connecting an office function to an IOC, another office function, a CNT service, or of connecting an IOC to an CNT service as specified within this tariff.

Refer to Price List.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



15. SONET SERVICE-INTEROFFICE

15.2. Service Components and Rates (Cont'd)

15.2.3. Office Functions

SONET Multiplexing

The SONET multiplexing office function provides for the transmission of multiple digital signals configured in either an office multiplexing, hubbing, linear add/drop configuration or ring configuration, for which the Customer has designated the configuration.

Refer to Price List.

Channel Activation Option

This permits the Customer to designate various CNT Private Line SONET Service channels terminating in the interconnection of multiplexing office functions. An additional charge will apply, per termination, for three or more SONET Service terminations.

In addition, a non-recurring reconfiguration charge applies per each change to an activated channel.

Refer to Price List.

15.2.4 CNT Optical Carrier Levels

A. Optical Carrier Level 3 (OC3)

OC3 service provides for the transmission of 155.52 Mbps. OC3 Service is configured by combining service components at designated CNT central offices. Refer to Price List.

B. Optical Carrier Level 12 (OC12)

OC12 service provides for the transmission of 622.08 Mbps. Service is configured by combining service components at designated CNT Central Offices, Refer to Price List.

C. Optical Carrier Level 48 (OC48)

OC48 service provides for the transmission of 2.488 Gbps. Service is configured by combining service components at designated CNT Central Offices. Refer to Price List.

D. Optical Carrier Level 192 (OC192)

OC192 service provides for the transmission of 9.953 Gbps. Service is configured by combining service components at designated CNT Central Offices. Refer to Price List.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



16. SONET SERVICE-LOCAL CHANNEL

16.1 General

The CNT Private Line Local Channel SONET Services provide for the transmission of various digital signals.

16.1.1 Description

These CNT Private Line Local Channel SONET Services are configured by combining service components at designated CNT Central Offices. The CNT Central Offices may be within the same LATA or may be in different LATAs.

Local Channel Service used for CNT Private Line SONET Services is suitable for the transmission of voice, data or any other application required by the Customer which utilizes digital signals within the specified transmission parameters of the local channel.

Local Channel Service may be furnished (1) between a Customer's premises and a designated CNT Central Office or (2) solely as an Access Coordination Function.

All signals carried by local channels or other access and presented to the CNT Central Offices must meet certain signal and format constraints.

16.1.2 Regulations

In addition to the regulations in Section 2, preceding, the following apply.

A. Availability of a Local Channel Service

Local Channels used for CNT Private Line SONET Services may not be available in every LATA.

16.1.3 Minimum Payment Period

The minimum payment period for a Local Channel Service or Access Coordination Function used for CNT Private Line SONET Service shall be 12 months.

16.1.4 Cancellation Charge

As specified within this tariff the cancellation charge for individual case basis orders canceled after the start of installation will be equal to an estimate of the net costs incurred in each installation not to exceed the charges for the minimum payment period.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

Filed

Missouri Public

Service Commission

16. SONET SERVICE-LOCAL CHANNEL

- 16.1 General (Cont'd)
- 16.1.5 CNT Optical Carrier Levels
- A. Optical Carrier Level 3 (OC3)

OC3 service provides for the transmission of 155.52 Mbps. OC3 Service is configured by combining service components at designated CNT central offices. Refer to Price List.

B. Optical Carrier Level 12 (OC12)

OC12 service provides for the transmission of 622.08 Mbps. Service is configured by combining service components at designated CNT Central Offices. Refer to Price List.

C. Optical Carrier Level 48 (OC48)

OC48 service provides for the transmission of 2.488 Gbps. Service is configured by combining service components at designated CNT Central Offices. Refer to Price List.

D. Optical Carrier Level 192 (OC192)

OC192 service provides for the transmission of 9.953 Gbps. Service is configured by combining service components at designated CNT Central Offices. Refer to Price List.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

16. SONET SERVICE-LOCAL CHANNEL

16.2. Local Channels (LC)

The rates for the local channel component of a Local Channel Service used for CNT Private Line SONET Services are established on an individual case basis (ICB), as specified in the Price List.

16.2.1 Access Coordination Function (ACF)

An Access Coordination Function is required for each local channel provided under this tariff or for each access channel provided by the Customer for which CNT provides access coordination. The rates are established on an individual case basis (ICB).

Refer to Price List.

16.2.2 Special Access Surcharge

(See Voice Grade Local Channel Services Section).

16.2.3 Channel Options

The following channel option(s) are available for use with Local Channel Services used for CNT Private Line SONET Services:

A. Special Routing

Local Channel Service is normally furnished using facilities selected by CNT. However, special routing options are available where the required components are available. If complete Special Routing is not available when ordered, or if it becomes unavailable at a later date due to network rearrangements, Special Routing may only be furnished on a partial basis. The Customer will be advised before partial Special Routing is provided and may cancel or discontinue the special routing if the partial Special Routing is not acceptable. No cancellation charge will apply in such case. The special routing option available for Local Channel Service is Local Channel Protection Capability.

B. Local Channel Protection Capability

Local Channel Protection Capability (LCPC) provides two physically separate high capacity fiber optic local channels (primary and secondary) equipped with automatic restoration capability to provide backup in the event of a single facility break or an electronic failure. Local Channel Protection Capability is available between the Customer premises and the designated CNT central office, between the LEC serving wire center for the Customer premises and the designated CNT central office or between the Customer premises and the LEC serving wire center for that premises.

When facilities are not available, the Company may request special construction of plant to satisfy its requirements. When special construction is necessary, charges will be developed on an individual case basis.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



17.1 General

CNT Regional Frame Relay Service (RFRS) is a public data network offering which provides high speed, order-preserving transmission of frames between Regional Area Networks (LANs) or other high speed data communications equipment for distributed computing applications.

17.1.1 Description

RFRS is offered between these LATAs via InterLATA PVCs, where facilities and billing capabilities permit. Service is available for use 24 hours a day, seven days a week. Charges for additional CNT Frame Relay Services which may be used in conjunction with CNT Regional Frame Relay Service may be found in this tariff. The following CNT Frame Relay Service features are not available under this tariff for CNT Regional Frame Relay Service:

- Disaster Recovery Options
- Frame Relay Service Level Agreement
- Frame Relay Service Domestic Gateway Capability
- International Frame Relay Service
- CNT International End-to-End Frame Relay Service
- Frame Relay Volume Pricing Plan
- Digital Services Volume Pricing Plan

Regional Access Ports furnished under this tariff operate at transmission speeds of 56/64, 128, 256, 384, 512, 768 and 1544 kbps. The port speed defines the maximum rate that the Customer can transmit data to and receive data from the FRS network.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

CANCELLED XD-2008-0213 February 16, 2008 Missouri Public Service Commission

17.1 General-(Cont'd)

17.1.2 Regulations

A. Responsibilities of the Customer

The Customer must provide the following additional information to the Company when ordering RFRS:

- The number and location of the Ports ordered.
- The initial set of software functions for each Port per Technical Publication No. TR 50052,
- The transmission speed of each Port,
- The CIR of each PVC, The Port origination and destination of each PVC CIR, and Requirements for Regional and Global addressing for PVC Link Connection Identifiers (DLCI) per Technical Publication No. TR 50052, for transmission through FRS.

B. Notice of Termination

The Notice of Termination for RFRS components in service is 15 days. Recurring charges apply for a period of 15 days from the date the Company receives the Notice of Termination or until the requested termination date, whichever is later.

The charges will continue to apply whether or not the Customer continues to use the RFRS components. Orders involving the termination of RFRS components may be delayed or withdrawn, without charge, at any time prior to the termination date. A Notice of Termination cannot be withdrawn or delayed on the Due Date for termination.

C. Cancellation, Delay or Change of an Order

The regulations set forth in this section apply for the cancellation, delay or change of an order for RFRS components. These regulations are in lieu of those specified in within this tariff. When an order is placed for installation of a Regional Access Port or Regional PVC, or for a change to a Regional Access Port's speed or to a Regional PVC CIR, a Due Date for that order will be established by the Company. Such Due Date will be confirmed with the Customer. In the Event that such Due Date is delayed, the provisions specified in Section E. or F. following will apply.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



- 17.1 General-(Cont'd)
- 17.1.2 Regulations (Cont'd)
- D. Cancellation of an Order

A Customer may cancel an order for the installation or change of RFRS any time prior to the Due Date. An order cannot be canceled on the Due Date. An order is considered to have been canceled when the Company receives a notification of cancellation from the Customer. Such notification may not be retroactive. There is no cancellation charge if the notification of cancellation is received by the Company 30 calendar days or more prior to the initial Due Date. If the notification of cancellation is received by the Company less than 30 calendar days prior to the initial Due Date, the following cancellation charges will apply as specified in the Price List.

E. Delay of Due Date by Company

The company will make every reasonable effort to assure that the service ordered is furnished on the Due Date. However, in some cases a delay in the Due Date may be unavoidable. If the Company delays a Due Date for less than six (6) cumulative calendar days from the initial Due Date, not counting any delays requested or caused by the Customer, the Customer may either: (a) cancel the delayed order at no charge, or (b) after the installation or change is completed, the Company will credit the Customer's bill in an amount equal to 50% of one month's Monthly Charge (less applicable discount) for each delayed Regional Access Port or Regional PVC.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

CANCELLED XD-2008-0213 February 16, 2008 Missouri Public Service Commission

- 17.1 General-(Cont'd)
- 17.1.2 Regulations (Cont'd)
- F. Delay of Due Date by the Customer

A Customer may delay an order for the installation or change of RFRS components at any time prior to the Due Date.

However,

- 1. If a Customer delays an order within the three (3) calendar days immediately prior to the Due Date, a Due Date Change Charge will apply as specified in the Price List, regardless of the length of delay.
- 2. If a Customer delays a Due Date by more than twenty (20) cumulative calendar days from the initial Due date, the Customer may either: (a) accept billing for the service ordered commencing on the first day after the 20th cumulative calendar day, or (b) cancel the order and pay the applicable cancellation charge as set forth within this tariff.
- If a Customer is not ready on the Due Date and has not requested a delay prior to the Due Date, the service ordered will commence on the Due Date.
- G. Change of an Order

When a Customer changes the speed of a Regional Access Port or Regional PVC before the Due Date, such a change is considered to be a design change, not a cancellation of an order. No design change charges apply for RFRS. However, if the Customer requests a Regional Access Port speed change from 56 kbps to a higher Regional Access Port speed, less than twenty (20) calendar days prior to the Due Date, a new Due Date will be established by the Company. Such new Due Date will be confirmed with the Customer.

H. Expedite of an Order

At the Customer's request, the Company will attempt to advance the Due Date of an order to the installation of a Regional Access Port to a new negotiated Due Date. If the new date is met, the following Nonrecurring Charge applies as specified in the Price List.

Minimum Payment Period

There is no minimum payment period for RFRS.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



17.1 General–(Cont'd)

17.1.3 Provision of Access Lines

Regional Access Ports are available for connection to Regional PVCs within the same LATA. Regional Access Ports include a digital access line from the Customer Premises to a designated CNT Central Office providing RFRS within that LATA. Equivalent digital access lines provided by the Customer, in lieu of the access lines provided by CNT, may be connected to Regional Access.

Ports, however all nonrecurring and monthly charges for Regional Access Ports as specified within this tariff will apply.

Digital access lines connected to a Regional Access Port cannot connect to a Domestic Port or Global Port, provided in CNT's Business Services Guide.

17.1.4 Credit Allowances for Interruptions

RFRS Credit Allowances for Interruptions are based on Regional PVC charges. If a Regional PVC is interrupted for 30 minutes or more, a Credit Allowance based on the Regional PVC Monthly Charge will be made for the interrupted Regional PVC as set forth within this tariff. The following provisions are in lieu of those specified within this tariff Regional PVCs are eligible for a credit allowance for interruptions only if the Regional PVCs which were interrupted are not entitled to any other credit for interruptions in lieu of, or in addition, to credit allowances as specified herein.

Calculation of Credit Allowance is as follows:

Calculate the Regional PVC Daily Charge by dividing the Regional PVC Monthly Charge (less any applicable discount) by 30 days.

Determine the Interruption Period to be Credited based upon the actual length of interruption using the Calculation Table within this tariff

Multiply the Regional PVC Daily Charge by the Interruption Period to be Credited to determine the Credit Allowance.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



17.1 General–(Cont'd)

17.1.5 Availability

Regional FRS is available at CNT Central Offices within LATA 228 and within LATA 234 which provide T1.5 Service or CIDSS as listed in CNT's Business Services Guide.

17.1.6 Regional FRS Components and Rates

The charges for Regional FRS consist of Non-Recurring Charges and Monthly Charges for Regional Access Ports and Regional PVCs.

A. Regional Access Port

Provides connection capability within and between any of the LATAs specified within this tariff in the State of Missouri. Regional Access Ports connect to Regional PVCs as specified within this tariff. A Regional Access Port can connect within the same LATA to a Domestic Port, Global Port or a Regional Access Port via a IntraLATA PVC. A Regional Access Port can connect to a Regional Access Port in another LATA, as specified within this tariff, in the State of Missouri via an InterLATA PVC.

- B. Regional Access Port Change Charges
- A customer can request to increase or decrease a port speed or change a Domestic Port to a Regional Access Port or change a Global Port to a Regional Access Port at any time after the service date for the Regional Access Port. A Regional Access Port Change Charge will apply for each change, as specified in the Price List.
- A change of the physical location of a Customer's Premises that requires a change to an existing Regional Access Port connection, is considered to be a termination and re-installation of the Regional Access Ports involved. Termination provisions will apply as specified within this tariff. Installation Charges for the Regional Access Ports will apply as specified within this tariff. A change of the physical location of a Customer's Premises that does not require a change to an existing Regional Access Port connection is considered a change and the Regional Access Port Change Charge in 1. above will apply.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



- 17.1 General-(Cont'd)
- 17.1.6 Regional FRS Components and Rates (cont'd)
- C. Regional Access Charges

Installation Charges and Monthly Recurring Charges apply for each Regional Access Port as specified in the Regional Access Port Charges Table. A Port Interconnection Monthly Charge applies for each Regional Access Port on which An InterLATA PVC or Domestic PVC terminates. The Port Interconnection Monthly Charge is in addition to the Regional Access Port Monthly Charge. Refer to Price List.

- 17.1.7 Regional PVCs
- A. Regional PVCs are defined as follows:

Regional PVCs are provided solely in a two-way configuration. Regional PVCs must connect to at least one Regional Access Port. Domestic and Global Ports are available as specified within this tariff. A two-way PVC transmits and receives simultaneously. There are two types of Regional PVCs: IntraLATA and InterLATA.

- IntraLATA PVC is a logical connection between two Regional Access Ports located within the same LATA, or between a Regional Access Port and a Domestic Port located within the same LATA, or between a Regional Access Port and a Global Port located within the same LATA.
- InterLATA PVC is a logical connection between two Regional Access Ports located in different LATAs in the same state.
- B. Regional PVC CIR Change Charge
- A Customer can request to increase or decrease a Regional PVC CIR at any time after the service date for that Regional PVC. A PVC CIR Change Charge will apply for each change to a Regional PVC CIR, as specified in the Price List.
- A change of the physical location of the Customer's premises that requires a change to an existing Regional Access Port connection, requires termination and re-installation of the Regional PVCs involved.

Termination provisions will apply as specified within this tariff. Installation Charges for Regional PVCs will apply as specified within this tariff.

C. Regional PVC Installation Charges

Installation Charges apply for the installation of each Regional PVC, as specified in the Price List.

D. Recurring Charges

Monthly Recurring Charges apply for each Regional IntraLATA PVC and Regional InterLATA PVC as specified in the Regional PVC Charges Table. Refer to Price List.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

CANCELLED XD-2008-0213 February 16, 2008 Missouri Public

Service Commission



18. MISCELLANEOUS EQUIPMENT AND ARRANGEMENTS

18.1 General

This section contains miscellaneous functions and arrangements that are provided for use with private line services offered under this tariff.

18.1.1 Regulations

In addition to the regulations in Section 2, preceding, the following applies.

A. Minimum Payment Period

Unless otherwise specified for an individual case, miscellaneous functions and arrangements are furnished for the same minimum payment period as that specified for the associated private line service.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

CANCELLED XD-2008-0213 February 16, 2008 Missouri Public Service Commission

18. MISCELLANEOUS EQUIPMENT AND ARRANGEMENTS

18.2 Standard Jacks

Registration Program for Use with Local Channel Services Standard jacks are services subject to the Registration Program. These jacks are contained in Part 68 of the FCC's Rules and Regulations or the document on file with the FCC entitled "Descriptions of Standard Registration Program Connection Configurations Supplementing Configurations Described in Subpart F of Part 68 of the FCC's Rules and Regulations."

These arrangements are used to terminate local channel services provided by CNT. Other services provided by CNT or services provided by others may also be terminated in any spare capacity of a jack that remains after its installation. No additional charge applies for the use of such capacity.

The standard jacks and their typical usages are described below.

- A. 50 Position Miniature Ribbon for connection of multiline terminating equipment and channel derivation devices.
- B. Series Jacks for connection of terminal equipment.
- C. Weatherproof Jack for use with single line telephone sets used at locations such as boats and marinas.
- * Rates for all services on this page are on an individual case basis.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

18. MISCELLANEOUS EQUIPMENT AND ARRANGEMENTS

- 18.2 Standard Jacks (Cont'd)
- 18.2.1 Standard Data Jacks
- Universal Data Jack for use in connecting fixed loss loop and programmed types of data equipment (1 line capacity).
- B. Programmed Data Jack for use in connecting programmed data equipment. (1 line capacity)
- C. Multiple Line Universal Data Jack for use in connecting fixed loss loop and programmed types of data equipment. This jack will terminate up to eight lines. The selection of this jack requires the use of the equipment listed in 1. and 2. below.
- Multiple Line Universal Data Jack Local Channel Cards. For use with (see C. above). One card per local channel required.
- Multiple Line Universal Data Jack Mounting options. For use with the (see C. above). One required per.
- * Rates for all services on this page are on an individual case basis.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

CANCELLED XD-2008-0213 February 16, 2008 Missouri Public Service Commission

19.1 General

This section contains the rates and regulations for additional administrative and operational functions that are available in connection with the installation, operation and maintenance of a private line service. The additional functions will be provided only when specifically ordered or requested by a customer. All of the additional administrative and operational functions are subject to the availability of personnel and equipment. In furnishing these functions, CNT does not assume any additional responsibility for the through transmission of signals beyond that set forth in 2 preceding.

19.2 Testing Functions

At the customer's request, CNT will review test results and participate with the customer in a design review, technical analysis, or testing.

- 19.2.1 Review of Test Results-IOC
- 19.2.2 Review of Test Results-Local Channel
- 19.2.3 Special Participative Design Review, Technical Analysis and Testing.
- 19.2.4 Customer Directed Participative Testing

At the customer's request, CNT will participate in the testing of an assembly, when tests are directed by the customer.

- A. Assembly Testing-Per IOC per Person
- B. Bill Testing-Per IOC Service
- * Rates for all services on this page are on an individual case basis.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

19.3 Additional Installation/Maintenance Functions

CNT will provide the following additional installation/maintenance functions for a private line service when ordered by the customer.

19.3.1 Overtime Installation

Installation activities performed at times which require premium payment to installation personnel.

19.3.2 Stand-By

Refers to retention, at the customer's request, of installation/maintenance personnel at the designated CNT central office or customer premises after completion of normal testing appropriate to the installation or repair of the private line service being provided. In such cases additional Installation/Maintenance charges apply for all time in excess of half hour.

19.4 Additional Engineering Functions

19.5 Maintenance of Service Charge

The customer is responsible for the payment of a Maintenance of Service Charge when:

a trouble condition exists and customer equipment, a customer provided communications system, or facilities provided by the customer or user is connected to the local channel service, and

when requested by the customer, maintenance personnel visit the customer's premises, and

as a result of that visit, the proper functioning of the local channel service is confirmed (i.e., the cause of the trouble condition was other than a malfunction of an CNT-provided private line service).

In addition, a Stand By Charge applies if the customer requests a maintenance person remain at the customer's premises to perform additional coordinated testing and no trouble exists on the local channel (see Additional Installation/Maintenance Functions, within this tariff)

No charge will apply, if at a later time the trouble condition is actually determined to be a malfunction of a CNT-provided private line service.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



^{*} Rates for all services on this page are on an individual case basis.

19.6 Telecommunications Service Priority (TSP)

19.6.1 Interoffice Channels

CNT will arrange a private line service for TSP provisioning and/or restoration priority on receipt of certification in conformance with Part 64, Subpart D, Appendix A, of the FCC's Rules and Regulations.

- A. When an order for a TSP provisioning priority is received, a charge applies.
- B. When an order for TSP restoration priority is received, a charge applies.
- C. When an order for a TSP restoration priority level change is received, a charge applies.
- D. When special construction is necessary, the provisions and charges as set forth within this tariff will also apply.

19.6.2 Local Channels

CNT will arrange a local channel service for provisioning and/or restoration priority on receipt of certification in conformance with Part 64, Subpart D, Appendix A, of the FCC's Rules and Regulations. The applicable rates are as set forth herein.

- A. When an order for a TSP provisioning priority is received, a charge applies per local channel.
- B. When an order for TSP restoration priority is received, a charge applies per local channel.
- C. When an order for a TSP restoration priority level change is received, a charge applies per local channel.
- D. When Special Construction is necessary, the provisions and charges set forth within this tariff will also apply.

19.7 Design Change Charge

A Design Change Charge applies each time a customer requests a change of an order that results in a change in the design, operation, or function of the interoffice private line service ordered. A design change charge also applies each time a customer requests a change of (1) the point of local channel termination on a premises, (2) the local channel interface(s), or (3) the local channel options on an order for a local channel service before the service date. The Design Change Charge applies when a change in an order occurs after installation has started but prior to the due date.

* Rates for all services on this page are on an individual case basis.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

Filed

Missouri Public
Service Commission

19.8 Provision of a Design Layout Report

The customer may order the design information pertaining to a private line service. This information is provided in a report referred to as a Design Layout Report. Design Layout Reports can only be provided on services ordered after the effective date of this tariff. A charge applies for the provision of the Design Layout Report.

19.8.1 Charges

- A. Design Layout Report Charge
- B. Administrative Charge

When the Design Layout Report is ordered subsequent to an order to install or rearrange the service, an additional Administrative Charge applies for each order.

- 19.9 Due Date Change Charge
- A. Delay of a Due Date by the Customer

A Customer may delay the due date of an order involving the installation, move or rearrangement of a local channel service component when:

The provisions of Delay of a Due Date by CNT, set forth following, are not applicable and the Customer's request for the delay is received by CNT prior to the order's due date, and

The total delay measured from the order's initial due date does not exceed 30 cumulative calendar days.

When a Customer delays the due date of an order, the Due Date Change Charge will apply.

Orders involving the termination of a local channel service component are specified in the specific service section of this tariff. There will be no maximum delay period for these orders. The Due Date Change Charge does not apply to orders involving the termination of service. For more a more detailed explanation refer to Section 2.

* Rates for all services on this page are on an individual case basis.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



19.9 Due Date Change Charge (Cont'd)

B. Delay of a Due Date by CNT

CNT will make every reasonable effort to assure that the local channel service component ordered is furnished on the due date. However, in some cases a delay in the installation may be unavoidable. If an order is delayed beyond its due date for more than 30 cumulative calendar days and such delay is not requested or caused by the Customer, the Customer may cancel the order without cancellation charges applying.

C. Expedite (Advance of a Due Date)

A customer's request for an advancement in the due date of an order will be accepted by CNT when the request can be accommodated without delaying orders of other customers. An Expedite Charge applies each time the Customer requests the due date for a local channel service or component advanced from the CNT established due date of an order.

19.10 Provision of a Design Layout Report

The customer may order the design information pertaining to a private line service. This information is provided in a report referred to as a Design Layout Report. Design Layout Reports can only be provided on services ordered after the effective date of this tariff. A charge applies for the provision of the Design Layout Report.

* Rates for all services on this page are on an individual case basis.

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



COMPUTER NETWORK TECHNOLOGY CORPORATION

P.S.C. Mo. Tariff No. 1 SECTION 20 ORIGINAL PAGE 1

20. RESERVED FOR FUTURE USE

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

T1.5 SERVICES-INTEROFFICE

Cancellation Charge

Cancellation Charge Schedule - T1.5

COMPONENT	APP	SID	DLRD	RID	WOT	CTA	DD
INTEROFFICE CHANNEL (IOC)	\$0	\$165	\$530	\$779.90	\$950.40	\$1083.50	\$1133
OFFICE CONNECTION (OC)	\$0	\$41.80	\$185.90	\$318.20	\$396	\$410.30	\$434.50

The applicable charge is based on the last scheduled critical date reached in the service order process. For example, for an order involving an IOC and two office connections that is canceled after the SID but prior to the DLRD, cancellation charges listed under the "SID" column for the IOC and each of the two office connections apply.

7. T1.5 SERVICES-INTEROFFICE

Interoffice Channel (IOC)

A. Monthly Rates

MILEAGE BAND	FIXED	PER MILE
1-50	\$1,320.00	\$7.70
51-100	1,320.00	7.70
101+	1.320.00	7.70

B. Discounted Fixed Rate Plans

Discounted Fixed Rate Plans are available as alternatives to conventional monthly rates.

<u>Minimum</u>	Term Discounts
1 year	10%
2 year	12%
3 year	1 5%
4 year	19%
5 year	24%

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7. T1.5 SERVICES-INTEROFFICE

Office Connections

A. Access Connection

INSTALLATION

MONTHLY CHARGE

CHARGE

Per connection

\$291.50

\$374.00

В. **Function Connection**

INSTALLATION CHARGE

Per connection

\$374.00

Channel Options

A. **Enhanced Diversity Routing**

MONTHLY

INSTALLATION CHARGE

Per each IOC in each

Relationship pair

Per IOC

\$82.50

\$228.80

В. Clear Channel Capability

MONTHLY

INSTALLATION

\$0.00

CHARGE \$0.00

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EFFECTIVE: February 26, 2007



T1.5 SERVICES-INTEROFFICE

Office Functions

A. Transfer Arrangement

MONTHLY

Per Transfer Arrangement

\$343.20

B. DS1 Switch Port

MONTHLY

INSTALLATION CHARGE

Per DS1 Switch Port \$660.00

\$487.30

P.S.C. Mo. Tariff No. 1 PRICE LIST ORIGINAL PAGE 5

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7. T1.5 SERVICES-INTEROFFICE

Office Functions

C. Access Protection Capability

Per Access Protection Capability

MONTHLY \$374.00

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8. 1.544 Mbps LOCAL CHANNEL SERVICES

Cancellation Charge

Cancellation Charge Schedule - 1.544 Mbps Local Channel Services

			CRITICAL D	DATES	-		
COMPONENT	APP	SID	DLRD	RID	WOT	CTA	DD
Access Coordination Function	\$0	\$40.70	\$125.40	\$215.60	\$255.20	\$324.50	\$349.80
Local Channel (see Note)	0%	0%	19%	26%	59%	100%	100%

Note: The percentages indicated are applied against the installation charge for each local channel involved.

The applicable charge is based on the last scheduled critical date reached in the service order process. For example, for an order which is canceled after the DLRD but prior to the RID, a charge as listed under DLRD column will apply for each access coordination function. In addition, if a local channel has been ordered, a charge equal to the installation charge for each local channel multiplied by the % indicated in DLRD column will also apply.

P.S.C. Mo. Tariff No. 1 PRICE LIST ORIGINAL PAGE 7

PRICE LIST

8. 1.544 Mbps LOCAL CHANNEL SERVICES

Local Channels

CNT will provide 1.544 Mbps Local Channels on an individual case basis at rates based on the price for such local channels as established by Local Exchange Company tariffs. These rates will include recurring and nonrecurring charges and may include termination charges.

MONTHLY RECURRING							
MILEAGE BAND	FIXED	PER MILE	INSTALLATION				
0	ICB	ICB	ICB				
1-4	ICB	ICB	ICB				
5-8	ICB	1CB	ICB				
9-25	ICB	ICB	ICB				
26+	ICB	ICB	ICB				

8. 1.544 Mbps LOCAL CHANNEL SERVICES

Access Coordination Function

MONTHLY

INSTALLATION

CHARGE

CHARGE

Per Function

\$107.53

\$271.98

Special Access Surcharge

Per equivalent local channel termination

MONTHLY

Where applicable, each

ICB

Where not applicable, each

ICB

Customer Access Selection Charge (CASC)

MONTHLY CHARGE

Customer Access Selection Charge

ICB

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



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9. T45 SERVICES-INTEROFFICE

Interoffice Channel (IOC)

MILEAGE BAND	FIXED	PER MILE
1-50	ICB	ICB
51-100	ICB	ICB
101+	ICB	ICB

Office Connections

A. Access Connection

MONTHLY INSTALLATION
CHARGES CHARGE
ICB ICB

B. Function Connection

INSTALLATION CHARGE

Per connection

Per connection

ICB

ICB

Channel Options

MONTHLY CHARGES INSTALLATION CHARGE

Per each IOC in each

Relationship Pair

ICB

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

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9. T45 SERVICES-INTEROFFICE

Office Functions

A. Network Protection Capability (NPC)

MONTHLY CHARGE

INSTALLATION CHARGE

Per IOC

ICB

ICB

B. Access Protection Capability

MONTHLY CHARGE

INSTALLATION CHARGE

Per Access Protection

Capability Office

Function

ICB

ICB

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10. T45 MBPS LOCAL CHANNEL SERVICES

Local Channels

The rates for the local channel component of a T45 Mbps Local Channel Service are established on an individual case basis.

Rates Per Local Channel

MONTHLY
FIXED PER MILE NONRECURRING
ICB ICB ICB

Access Coordination Function (ACF)

Per Access Coordination Function

Monthly Rate Installation Charge ICB

Special Access Surcharge

Monthly ICB

where applicable, per Customer

termination each

N/A

where applicable, per Customer

termination each

Customer Access Selection Charge (CASC)

Customer Access Selection Charge CASSS

MONTHLY CHARGE

ICB

ISSUED: January 12, 2007

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11. ASYNCHRONOUS TRANSFER MODE

Interoffice Channel

<u>Monthly</u>

Installation Charge

Charge ICB

ICB

Local Channels

Monthly

Installation Charge

<u>Charge</u>

ICB ICB

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

CANCELLED XD-2008-0213 February 16, 2008 Missouri Public

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P.S.C. Mo. Tariff No. 1 PRICE LIST ORIGINAL PAGE 13

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12. RESERVED FOR FUTURE USE

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EFFECTIVE: February 26, 2007

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13. RESERVED FOR FUTURE USE

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14. VOICE GRADE LOCAL CHANNEL SERVICES

Cancellation Charge

Cancellation Charge Schedule - Voice Grade

			CRITICAL D	DATES			
COMPONENT	APP	SID	DLRD	RID	WOT	CTA	DD
Access Coordination Function	\$0	\$49.50	\$95.70	\$114.40	\$117.70	\$140.80	\$154.00
Local Channels, Bridged Channels and Interbridge Channels (see Note)	0	0%	17%	23%	54%	100%	100%

Note: The percentages indicated are applied against the minimum payment period recurring charge for each local channel, bridged channel, and interbridge channel involved.

The applicable charge is based on the last scheduled critical date reached in the service order process. For example, for an order which is canceled after the DLRD but prior to the RID, a charge for each access coordination function, and each local channel, bridged channel and interbridged channel as indicated under the column entitled "DLRD" will apply. Where a percentage is indicated, that percentage is applied to the minimum payment period recurring charge for the cost of the channel.

14. VOICE GRADE LOCAL CHANNEL SERVICES

Local Channels

The rates applicable to Voice Grade Local Channel Services are established on an individual basis as set forth herein.

Intrastate/InterLATA

Schedule 1 (BELL) ICB

Schedule 2 (OTHER) ICB

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14. VOICE GRADE LOCAL CHANNEL SERVICES

Local Channels (Cont'd)

Intrastate/IntraLATA

Schedule 1 (BELL) ICB

Schedule 2 (OTHER) ICB

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14. VOICE GRADE LOCAL CHANNEL SERVICES

Bridged Channels

The rates for bridged channels apply on LEC bridged multipoint local channel services only and apply for the channel between a LEC bridge and an CNT central office or customer's premises.

LEC Bridge To CNT Central Office:

Schedule 1 (BELL) ICB

Schedule 2 (OTHER) ICB

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

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14. VOICE GRADE LOCAL CHANNEL SERVICES

Bridged Channels (Cont'd)

LEC Bridge To Customer Premises:

Schedule 1 (BELL) ICB

Schedule 2 (OTHER) ICB

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14. VOICE GRADE LOCAL CHANNEL SERVICES

Interbridge Channels

The rates for interbridge channels apply on LEC bridged multipoint local channel services only and apply for the channel connecting two LEC bridges.

Schedule 1 (BELL) ICB

Schedule 2 (OTHER) ICB

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

14. VOICE GRADE LOCAL CHANNEL SERVICES

Access Coordination Function

MONTHLY \$39.27

INSTALLATION CHARGE

\$229.68

Per access coordination function

Special Access Surcharge

Rates per equivalent local channel termination

MONTHLY

Where applicable, each Where not applicable, each

ICB \$ 0.00

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

14. VOICE GRADE LOCAL CHANNEL SERVICES

Channel Options

A. Conditioning

C-Type Conditioning

Schedule 1 (BELL) ICB

Schedule 2 (OTHER) ICB

14. VOICE GRADE LOCAL CHANNEL SERVICES

Channel Options (Cont'd)

Conditioning (Cont'd)

2. **D-Type Conditioning**

Schedule 1 (BELL) ICB

Schedule 2 (OTHER) ICB

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14. VOICE GRADE LOCAL CHANNEL SERVICES

Channel Options (Cont'd)

B. Signaling

Schedule 1 (BELL) NA

Schedule 2 (OTHER) NA

C. Special Routing

	CHARGE
Diversity	ICB
Avoidance	ICB
Diversity and Avoidance	ICB
Cable-Only	ICB

15. SONET SERVICE-INTEROFFICE

Interoffice Channel -

	MONTHLY
	<u>CHARGE</u>
- per OC3	ICB
- per OC12	ICB
- per OC48	ICB
- per OC192	ICB

Office Connections -

A. Access Connection—

MONTHLY <u>CHARGE</u>	INSTALLATION <u>CHARGE</u>
ICB	ICB
ICB	ICB
ICB	1CB
ICB	ICB
	CHARGE ICB ICB ICB

B. Function Connection

INSTALLATION

11140	TALLATIC
	CHARGE
 per OC3 connection 	ICB
- per OC12 connection	ICB
- per OC48 connection	ICB
- per OC192 connection	1CB

15. SONET SERVICE-INTEROFFICE

Office Functions

SONET Multiplexing

MONTHLY **CHARGE**

- per SONET Multiplexing office function

ICB

Channel Activation Option -

		MONTHLY	INSTALLATION
	SPEED	<u>CHARGE</u>	<u>CHARGE*</u>
 per activated 			
port	DS1	ICB	ICB
	DS3	ICB	ICB
	OC3	ICB	ICB
	OC12	ICB	ICB
	QC48	ICB	ICB
	OC192	ICB	ICB

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	<u>SPEED</u>	<u>CHARGE</u>
	D\$1	ICB
- Reconfiguration	DS3	ICB
Charge per Activated	OC3	ICB
Port	OC12	ICB
	OC48	ICB
	OC192	ICB

(These rates are billed in 15 minute increments.)

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



^{*}Installation charges do not apply when the activated port is ordered for installation at the same time as the multiplexing office function.

16. SONET SERVICE-LOCAL CHANNEL

Local Channels (LC)

	Monthly Charge	Installation Charge
per OC3	ICB	ICB
per OC12	ICB	ICB
per OC48	ICB	ICB
per OC192	ICB	ICB

Access Coordination Function (ACF)

	Monthly Charge	Installation Charge
per OC3	ICB	ICB
per OC12	ICB	ICB
per OC48	ICB	ICB
per OC192	ICB	ICB

Special Access Surcharge

(See Voice Grade Local Channel Services Section).

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



17. CNT REGIONAL FRAME RELAY SERVICE

Cancellation of an Order

CANCELLATION CHARGE

- per canceled Regional Access Port \$550.00

- per canceled Regional PVC \$44.00

Delay of Due Date by the Customer

- per delayed Regional Access Port

DUE DATE CHANGE CHARGE

\$550.00

- per delayed Regional PVC \$44.00

Expedite of an Order

NONRECURRING CHARGE

- per expedited Regional Access Port \$935.00

Regional Access Port Change Charges

PORT CHANGE CHARGE

- per port speed change or port type change

\$110.00

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17. CNT REGIONAL FRAME RELAY SERVICE

Regional Access Charges

Regional Access Port Charges Table

Regional Access Port Speed Kbps	Regional Access Port Monthly Charge	Port Interconnection Monthly Charge	Regional Access Port Installation Charge
56	\$ 339.90	\$3,212.00	\$ 880.00
64	\$ 482.90	\$3,212.00	\$1,100.00
128	\$ 510.40	\$3,061.30	\$1,100.00
256	\$ 591.80	\$2,988.70	\$1,100.00
384	\$754.60	\$2,843.50	\$1,100.00
512	\$ 829.40	\$2,776.40	\$1,100.00
768	\$ 918.50	\$2,698.30	\$1,100.00
1544	\$ 965.80	\$2,655.40	\$1,100.00

Regional PVC CIR Change Charge

Regional PVC Change Charge

- per Regional PVC CIR Change \$27.50

Regional PVC Installation Charges

Installation Charges apply for the installation of each Regional PVC.

INSTALLATION CHARGE

- per Regional PVC

\$27.50

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007



17. CNT REGIONAL FRAME RELAY SERVICE

Recurring Charges

Monthly Recurring Charges apply for each Regional IntraLATA PVC and Regional InterLATA PVC as specified in the following Regional PVC Charges Table.

Regional PVC Charges Table

Regional PVC CIR kbps	Regional IntraLATA PVC Monthly Charges	Regional InterLATA PVC Monthly Charges	
4	\$27.50	\$23.10	
8	\$27.50	\$28.60	
16	\$27.50	\$39.60	
32	\$27.50	\$73.70	
48	\$27.50	\$105.60	
56	\$27.50	\$123.20	
64	\$27.50	\$123.20	
128	\$27.50	\$279.40	
192	\$27.50	\$422.40	
256	\$27.50	\$562.10	
384	\$27.50	\$842.60	
512	\$27.50	\$1,260.60	
768	\$27.50	\$1,968.80	
896	\$27.50	\$2,349.60	
1024	\$27.50	\$2,717.00	
1536	\$27.50	\$2,996.40	

ISSUED: January 12, 2007

EFFECTIVE: February 26, 2007

