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BEFORE THE ARIZONA CORPORATION COMMISSION

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IN THE MATTER OF THE APPLICATION OF
COMPUTER NETWORK TECHNOLOGY
CORPORATION FOR A CERTIFICATE OF
CONVENIENCE AND NECESSITY TO PROVIDE
RESOLD LOCAL AND LONG DISTANCE AND
FACILITIES-BASED LOCAL EXCHANGE
SERVICES IN THE STATE OF ARIZONA AND
PETITION FOR COMPETITIVE
CLASSIFICATION OF PROPOSED SERVICES.

DOCKET NO. T-04221A-03-0832

NOTICE OF FILING

In compliance with Decision No. 67123, Computer Network Technology Corporation hereby files its tariff, a copy of which is attached.

RESPECTFULLY SUBMITTED this 19th day of April, 2005.

Computer Network Technology Corporation

By

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1 **ORIGINAL + 13 COPIES** of the foregoing
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3 Docket Control
4 ARIZONA CORPORATION COMMISSION
5 1200 West Washington
6 Phoenix, Arizona 85007

By Mary Ippolito

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COMPUTER NETWORK TECHNOLOGY
CORPORATION
STATE OF ARIZONA
PRIVATE LINE SERVICES TARIFF

ISSUED:
EFFECTIVE:
BY: Gregory Barnum - Vice President

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PRIVATE LINE SERVICE TARIFF
of
Computer Network Technology Corporation.

REGULATIONS AND SCHEDULE OF CHARGES
APPLICABLE TO COMMUNICATIONS SERVICES
REGULATED BY THE
ARIZONA CORPORATION COMMISSION

COMPUTER NETWORK TECHNOLOGY
CORPORATION
STATE OF ARIZONA
PRIVATE LINE SERVICES TARIFF

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COMPUTER NETWORK TECHNOLOGY
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PREFACE
ORIGINAL PAGE 1

PREFACE
HOW TO USE THIS TARIFF

Explanation of Symbols for Coding Tariff Revisions

Revisions to this tariff are coded through the use of symbols. These symbols appear in the right margin of the page. The symbols and their meanings are:

- C - indicates changed regulation.
- D - indicates discontinued rate or regulation.
- N - indicates new rate or regulation, and/or text.
- T - indicates a change in text but no change in rate or regulation
- I - indicates an increase in rate.
- R - indicates a reduction in rate.
- M - indicates relocation of material from or to another part of the tariff

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PREFACE
ORIGINAL PAGE 2

PREFACE
HOW TO USE THIS TARIFF

ABBREVIATIONS AND DEFINITIONS - Following is a list of the abbreviations used in this tariff (see Explanation of Abbreviations, below). In addition, the General Regulations section contains definitions of certain technical terms and terms with specific meaning in the context of this tariff.

EXPLANATION OF ABBREVIATIONS

Ac	- alternating current
CNT	- Computer Network Technology Corporation
bps	- bits per second
COC	- Central Office Connection
dB	- decibel
dc	- direct current
DS0	- Digital Signal Level 0
DS1	- Digital Signal Level 1
DS3	- Digital Signal Level 3
F.C.C.	- Federal Communications Commission
Hz	- Hertz
ICB	- Individual Case Basis
IOC	- interoffice channel
kpbs	- kilobits per second
kHz	- kilohertz
LATA	- Local Access and Transport Area
LDMTS	- Long Distance Message Telecommunications Service
LEC	- Local Exchange Company
Mbps	- Megabits per second
Mcs	- microseconds
MF	- Multifrequency Pulsing
MHz	- Megahertz
MTS	- Message Telecommunications Service
NPA	- Numbering Plan Area
NXX	- Local Exchange Central Office Code
PBX	- Private Branch Exchange
P.U.C.	- Public Utilities Commission
USOC	- Uniform Service Order Code
V & H	- Vertical and Horizontal
WATS	- Wide Area Telecommunications Service
wpm	- Words-per-minute
2W	- Two-wire
4W	- Four-wire

COMPUTER NETWORK TECHNOLOGY
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SECTION 1
ORIGINAL PAGE 1

1. APPLICATION OF TARIFF

1.1 Application

1.1.1 General

- A. This tariff contains the regulations and rates, terms and conditions applicable to private line services furnished in the State of Arizona for intrastate communications.

Private line services are furnished by means of wire, radio, fiber optics or any suitable technology or combination of technologies.

- B. Private line services are provided by Computer Network Technology Corporation. (herein referred to as "CNT" or "the Company").

1.1.2 Jurisdiction

Jurisdiction refers to the classification of a private line service as intrastate (subject to the jurisdiction of the Arizona State Corporation Commission) or as interstate (subject to the jurisdiction of the Federal Communications Commission).

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SECTION 2
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2. GENERAL REGULATIONS

2.1 Undertaking of CNT

2.1.1 General

A non-switched private line service is furnished for the transmission of data communications. It may include one or more interoffice and/or local channels, office connections, office functions, miscellaneous functions, miscellaneous equipment, and channel options. A private line service may also consist solely of an office connection or solely of an office function.

Private line services are provided on a monthly basis.

CNT is responsible for end-to-end service between customers' premises when (1) a private line service uses the Access Coordination Function and a Local Channel, or (2) a private line service uses the Access Coordination Function and other access. Service dates of components may be independent of each other when the customer obtains access other than that furnished under the Local Channel sections of this Tariff.

CNT does not transmit messages. However, the private line facilities it furnishes may be used for that purpose.

2.1.2 Transmission Medium

CNT selects and/or arranges for the facilities and/or equipment used to provide a private line Service. CNT may modify or change the facilities and/or equipment at any time subject to the regulations within this tariff. Any suitable technology or combination of technologies may be used.

2.1.3 Provision of Private Line Services

The services offered under this tariff are subject to the availability of suitable facilities and equipment.

A. Engineering, Installation, and Maintenance

CNT fully supports the private line services provided under this tariff through engineering, installation, and maintenance efforts. CNT will ensure that each private line service functions properly within its specified transmission, signaling, or switching parameters. The technical characteristics and specifications of each type of private line service are described or referenced in the respective service sections.

1. Engineering

CNT will engineer a private line service to meet its transmission parameters and/or equipment specifications.

2. Installation

CNT will schedule installation activity to meet the due date of the private line service. If the customer's request that installation activity be performed at other than CNT's scheduled time results in premium payment for labor, additional charges will apply.

The local channels provided under this tariff (a) will include any entrance cable or drop wiring and wire in intrabuilding cable to that point where provision is made for termination of the LEC's outside distribution network facilities at a suitable location inside a customer's premises, and (b) will be installed to such point of termination.

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SECTION 2
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2. GENERAL REGULATIONS

2.1 Undertaking of CNT (Cont'd)]

2.1.3 Provision of Private Line Services (Cont'd)

A. Engineering, Installation, and Maintenance (Cont'd)

3. Maintenance

CNT will maintain and repair, or arrange for the maintenance and repair of only the private line service which it provides. The testing of a service which is routed through a designated CNT central office will be made from that office.

If a trouble condition occurs, the customer is responsible for determining if the trouble is in any customer equipment or customer-provided communications system which is connected at the customer's premises. A *Maintenance of Service Charge* will apply if, at the customer's request, a repair person is dispatched to the customer premises and testing discloses that the private line service is functioning correctly. No charge will apply, however, if at a later time the trouble condition is actually determined to be a malfunction of any CNT-provided private line service.

2.1.4 Through Transmission of Signals

CNT is responsible for the quality of transmission and signaling on the private line services it provides.

2.1.5 Limitations on the Provision of a Private Line Service

A. Availability

A private line service is offered subject to the availability of the facilities and equipment required to provide the service.

CNT bases the rates and charges quoted in this tariff on services furnished under normal conditions. Where installation of facilities involves unusual costs because of factors such as the time period, type of facility or location requested by the customer, special construction charges based on maintenance, operation, depreciation, engineering, return on investment and other expenses associated with furnishing the service may apply. Special construction charges may consist of recurring charges, nonrecurring charges, or both. Special construction charges may also include termination charges. Special equipment and arrangements not otherwise provided in this tariff will be provided on an individual case basis. These services will be provided only if CNT deems them to be practical and only if the special equipment or arrangement is in accord with and used in connection with other services provided by CNT. Charges for these services will be based on the estimated service costs including maintenance, operation, depreciation, administration, taxes, and other service specific costs, and a reasonable amount for return and contingencies.

B. Restoration of Private Line Services

In the event of failure, private line services will be restored in compliance with Part 64, Subpart D, of the FCC's Rules and Regulations.

C. Billing Capability

Services offered under this tariff will be provided only if billing capabilities for the services exist.

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2. GENERAL REGULATIONS

2.1 Undertaking of CNT (Cont'd)

2.1.6 Transfer or Assignment

A private line service may be transferred or assigned to a new customer, on an individual case basis

2.1.7 Provision of a Design Layout Report

The customer may order a Design Layout Report describing the makeup of the facilities used to provide the interoffice channel portion of a service, the makeup of local channels used to provide a service, or both. The rates for the report(s) and a description of the information provided are contained within this tariff. Design Layout Reports can only be provided on services ordered after the effective date of this Tariff.

2.2 Use

2.2.1 General

A private line service may be used for any purpose permitted by law and consistent with its transmission or switching parameters.

2.2.2 Resale or Shared Use

When a private line service is resold or shared, the customer may advise its user that a portion of its service is provided by CNT. However, the customer shall not represent that CNT jointly participates with the customer in the provision of its services.

2.2.3 Interference, Impairment, and Hazard

The customer's use of a private line service must not interfere with, or impair, any services provided by CNT to others. In addition, it must not endanger the safety of installation/maintenance personnel or the public; damage or interfere with the functioning of CNT equipment or service; or otherwise injure the public in its use of these offerings.

2.3 Responsibilities of CNT

2.3.1 Liability

- A. CNT's liability, if any, for its willful misconduct is not limited by this tariff. With respect to any other claim or suit, by a customer or by any others, for damages associated with the installation, provision, termination, maintenance, repair, or restoration of a private line service, and subject to the provisions of B. through J. following, CNT's liability, if any, shall not exceed an amount equal to the proportionate charge provided for under this tariff for the private line service for the period during which the service was affected.
- B. CNT is not liable for damages associated with service, channels, or equipment which it does not furnish.
- C. CNT is not liable for any act or omission of any other carrier providing a portion of a private line service, nor shall CNT for its own act or omission hold liable any other carrier providing a portion of a private line service.
- D. CNT is not liable for damages to a premises resulting from the furnishing of service, including the installation and removal of equipment and associated wiring, unless the damage is caused by CNT's negligence.

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SECTION 2
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2. GENERAL REGULATIONS

2.3 Responsibilities of CNT (Cont'd)

2.3.1 Liability (Cont'd)

- E. CNT shall be indemnified, defended and held harmless by the customer and user against all claims, losses, or damages arising from the use of private line services furnished pursuant to this tariff, involving:
1. Claims for libel, slander, invasion of privacy, or infringement of copyright arising from any communication;
 2. Claims for patent infringement arising from combining or using the private line service furnished by CNT in connection with facilities or equipment furnished by others; or
 3. All other claims arising out of any act or omission of others relating to private line services provided pursuant to this tariff.
- F. No license under patents (other than the limited license to use) is granted by CNT or shall be implied or arise by estoppel, with respect to any private line service offered under this tariff. CNT will defend the customer and user against claims of patent infringement arising solely from the use by the customer or user of private line services offered under this tariff and will indemnify such customer or user for any damages awarded based solely on such claims.
- G. CNT's failure to provide or maintain private line services under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, natural catastrophes, and other circumstances beyond CNT's reasonable control, subject to the provisions for Credit Allowances for Interruptions in this tariff.
- H. CNT does not guarantee or make any warranty with respect to its local channel services when used in an explosive atmosphere. CNT shall be indemnified, defended, and held harmless by the customer and user against all claims, losses, or damages by any person relating to the services provided pursuant to this tariff when used in an explosive atmosphere.
- I. CNT shall not be liable for any failure of performance hereunder if such failure is due to any causes beyond the reasonable control of the Company. Such causes shall include, without limitation, acts of GOD, fire, explosion, vandalism, cable cut, storm or other similar occurrence, any law, order, regulation, direction, action or request of the United States government or of any other government or of any civil or military authority, national emergencies, insurrections, riots, wars, strikes, lockouts or work stoppages or other labor difficulties, supplier failures, shortages, breaches or delays, or preemptions of existing service to restore service in compliance with the Commission's Rule and Regulations.
- J. CNT shall not be liable for interruptions, delays, errors, or defects in transmission, or for any injury whatsoever, caused by the Customers, or the Customer's agents, End Users, or customers, or by facilities or equipment provided by the Customers.

2.3.2 Changes in Minimum Protection Criteria, Facilities, or Procedures

CNT is not responsible to any party if a change in a local channel service's Minimum Protection Criteria, facilities, operations or procedures (1) affects any facilities, customer equipment or customer-provided communications system in any way, or (2) requires their modification in order to be used. However, if such changes can be reasonably expected to materially affect the operating or transmission characteristics of the CNT Service, or render any customer equipment or customer-provided communications system incompatible, CNT will provide adequate notice, in writing, to allow the customer an opportunity to maintain uninterrupted service.

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SECTION 2
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2. GENERAL REGULATIONS

2.3 Responsibilities of CNT (Cont'd)

2.3.3 Service Dates

When a customer orders a local channel service, all components of the resulting end-to-end arrangement which are provided by CNT will begin service on the same date, unless otherwise specified by the customer.

2.3.4 Registration Information

CNT will make information available as required by Part 68 of the FCC's Rules and Regulations (e.g., the number of ringers that may be connected to a particular local channel service).

2.4 Responsibilities of the Customer

2.4.1 General

The customer's general responsibilities are described in this section. When other access is connected to a private line service, the customer assumes additional responsibilities that are described in the Connections section of this tariff.

A. Placement of Orders, Payment of Bills, and Compliance with Regulations

The customer is responsible for placing orders, complying with tariff regulations, and assuring that its users comply with tariff regulations. The customer is also responsible for the payment of bills for private line service. The customer may appoint an agent to act on its behalf, as specified in B. following.

1. Information the Customer Must Provide

When a customer places an order for private line service, the following information must be provided by the customer so that CNT can design, install, maintain, and bill the private line service ordered:

The category of interoffice and local channel private line service, interface, and signaling (if required), The designated CNT central office to which the local channel service is to be routed (when the customer elects to specify routing or when the local channel service consists solely of access coordination function),

The customer's billing name and address,

The contact name, telephone number, and address at each customer premises where the installation will be made,

The customer's desire to use LEC bridging (when a multipoint local channel service is ordered), and the location of Local Exchange Company bridges (when the customer elects to specify LEC bridge locations),

Information regarding customer equipment as specified in Part 68.106 of the FCC Rules and Regulations - (Notification to telephone company).

The design information contained in the design layout record for other access when an order is placed to connect other access without the Access Coordination Function, and

Exemption certification when the Special Access Surcharge within this tariff does not apply.

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2. GENERAL REGULATIONS

2.4 Responsibilities of the Customer (Cont'd)

2.4.1 General (Cont'd)

B. Floor Space, Conduit, and Electrical Power at a Customer's Premises The customer must provide the equipment space, supporting structure, conduit, and electrical power required to terminate a local channel service at a customer's premises without charge to CNT. The space, structure, conduit, and power must be made available in sufficient time to permit the installation of the local channel service to be completed prior to its due date. Selection of AC or DC power will be a matter of mutual agreement between the customer and CNT.

C. Access to Customer's Premises

The customer is responsible for arranging customer premises access at any reasonable time so that installation/maintenance personnel may install, repair, maintain, inspect, or remove a local channel service. Customer premises access must be made available at a time mutually agreeable to the customer and CNT.

D. Locations Involving High Voltage Power

When a customer orders a local channel service installed at a customer's premises where high voltage power is present, the customer shall:

1. Install, maintain, and pay for special facilities and protective apparatus required by federal, state, or local regulations.

2. Pay for required protective apparatus recommended for the location by CNT.

E. Availability for Maintenance, Testing, or Modifications The customer must make a private line service available for maintenance, testing, or implementation of changes it has ordered, at any reasonable, mutually agreeable time. Occasionally an impairment may only be evident at certain times (e.g., a certain hour of the day). In such cases, the private line service must be made available for testing during the same time periods if the trouble condition is to be corrected.

F. Damage to a Private Line Service

The customer must pay CNT for replacement or repair of a private line service when damage results from:

The negligence or willful act of the customer or others authorized by the customer,

Improper use of the private line service, or any use of equipment or systems provided by the customer or others authorized by the customer.

After receipt of payment for the damages, CNT will cooperate with the customer in its claim against any third party causing the damage.

G. Ancillary Charges

The customer is responsible for the payment of any ancillary labor charges incurred, on its behalf, under tariffs of the local exchange companies, when the access coordination function is furnished.

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2. GENERAL REGULATIONS

2.4 Responsibilities of the Customer (Cont'd)

2.4.1 General (Cont'd)

H. Loss

The customer must pay for the loss through theft of any local channel service equipment installed at a customer's premises.

I. Use with a Customer-Provided Communications System or with Services Provided by Others

When a local channel service is used with a customer-provided communications system, or with a service(s) provided by others via connections at the customer's premises, the customer must make all arrangements concerning the connected system or service with its provider. The connection does not constitute a joint undertaking between CNT and the provider of the system or service. Connections will be made in accordance with the regulations set forth within this tariff.

2.5 Payments and Charges

2.5.1 General

The charge for a private line service may be a recurring and/or a nonrecurring charge.

2.5.2 Application of Charges

The charges billed are based on the rates that are in effect in this tariff during the period that the private line service is furnished. If the rates for a period covered by a bill change after the bill has been rendered, the bill will be adjusted to reflect the new charges (see Fractional Charges and Credits within this tariff).

2.5.3 Payment of Charges

Payment is due upon presentation of a bill for the private line service furnished. A private line service may be discontinued for nonpayment of a bill (see Violation of Regulations within this tariff).

An administrative charge of \$10.00 will be applied by CNT each time a check or bank draft is returned by a bank to CNT for the reason of insufficient funds.

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2. GENERAL REGULATIONS

2.5.4 Minimum Payment Period and Notice of Discontinuance

A. Minimum Payment Period

The minimum payment period is the minimum period for which the customer is required to make payment for the private line service. The charges applicable to the minimum payment period include the recurring charge(s) plus any nonrecurring and/or special construction charge(s) that may apply.

The minimum payment period is calculated from the date that billing started after (1) the initial installation, or (2) a reinstallation after a change.

Minimum payment period charges apply if the customer discontinues a private line service component before the specified minimum payment period expires. The minimum payment period for a given private line service component is specified in the section of this tariff applicable to that private line service component.

B. Notice of Discontinuance

CNT requires notice when private line services are to be discontinued. The required notice period and the application of charges, if any, are specified in the section applicable to the specific private line service. (Under certain conditions, this notice requirement may be waived.)

2.5.5 Advance Payments and Deposits

A. Advance Payment

An advance payment may be required before a private line service is provided when a customer has a history of late payments to CNT or when a customer's financial responsibility is not a matter of record. The advance payment will equal the charges for the minimum payment period and the applicable nonrecurring charges. In addition, the advance payment will include an amount equal to the estimated nonrecurring charges and one month's recurring charges (if any) when special construction is involved. The advance payment will be credited on the customer's bill(s). A deposit may apply in addition to an advance payment (see Deposits, following).

B. Deposits

To safeguard its interests, CNT may require a customer with a history of late payments to CNT or whose financial responsibility is not a matter of record to make a deposit to be held as a guarantee for the payment of charges. A deposit does not relieve the customer of the responsibility for the prompt payment of bills on presentation. The deposit will not exceed an amount equal to the sum of the charges for the minimum payment period for the private line service.

If a termination charge or a maximum termination liability is specified, the deposit may include an additional amount. This additional amount will not exceed the maximum charge(s) specified for the termination charge or maximum termination liability. An advance payment may be required in addition to a deposit (see Advance Payment, preceding).

1. Interest on a Cash Deposit

The deposit will bear simple interest at the rate currently effective by order of the Arizona Corporation Commission, payable on the actual amount of deposit with the Company.

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2. GENERAL REGULATIONS

2.5 Payments and Charges (Cont'd)

2.5.5 Advance Payments and Deposits (Cont'd)

B. Deposits (Cont'd)

2. Return of a Deposit

A deposit will be credited to a customer's account, and any credit balance remaining will be refunded, when the customer has established credit, or when the customer has established a prompt payment record with CNT for one year, or when the private line service for which the deposit had been required is discontinued.

2.5.6 Types of Charges

There are two types of charges, recurring and nonrecurring. These charges are as follows:

A. Recurring Charges

The recurring charges for a private line service are listed in the applicable service section as:

1. Monthly Charge

A monthly charge applies each month or fraction thereof that a private line service is furnished. Monthly charges start on the day after the private line service is installed but not before the due date of the order unless the customer agrees to an earlier installation. Charges accrue through and include the day that the private line service is discontinued. Monthly charges will be billed in advance. When the billing date and the date that the private line service is started, changed, or discontinued do not coincide, the charges will be adjusted to reflect the fractional part of the month involved (see Fractional Charges and Credits, within this tariff). For billing purposes each month is considered to have 30 days.

B. Nonrecurring Charges

A nonrecurring charge applies for an activity, such as an installation, a move, or a change, ordered by the customer. A nonrecurring charge applies for each activity performed. The charge may differ according to the work activity involved. Other charges, such as termination charges, if applicable, are also classified as nonrecurring charges. In addition, other charges for specific functions as stated in this tariff are applied on a nonrecurring basis. Following is a description of the generic nonrecurring charges.

1. Installation Charge

An installation charge applies when a private line service is furnished. Installation charges are listed in the appropriate sections of this tariff.

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2.5 Payments and Charges (Cont'd)

2.5.6 Types of Charges (Cont'd)

B. Nonrecurring Charges (Cont'd)

2. Move Charge

A move charge applies when the physical location of the termination of an interoffice channel or of an office connection or office function or local channel is changed at the customer's request. A move of any of these is considered to be the discontinuance of service at the old location and the reinstallation of the service at the new location. Installation charges apply only for the components that are moved. A new minimum payment period will be established.

When a component with a termination charge is moved, the customer must pay the unexpired portion of the termination charge. A new termination charge will be established at the new location. A move normally involves an interruption of the private line service for the period required to complete the move. No credit allowance will be granted for the period.

When a customer requests the installation of a duplicate service to avoid interruption during a move, recurring and nonrecurring charges will apply for the duplicate service. Charges will commence when the duplicate service is furnished. A new minimum payment period will apply for the duplicate service.

a. Moves in the Same Building

When a local channel service is moved to a new location in the same building at the customer's request, a move charge applies. A move charge is equal to one-half, except for Digital Data Local Channel Services where whole charges apply, of the installation charge for the local channel service involved, including the access coordination function and any channel options, miscellaneous equipment and arrangements that are associated with the service at that building.

b. Moves to a Different Building

When a local channel service is moved to a different building (or to a different central office) at the customer's request, the move is considered to be the discontinuance of the local channel service at the former location and the installation of a local channel service at the new location. The installation charges for the local channel service apply. Installation charges also apply to the access coordination function and any channel options and miscellaneous equipment or arrangements (with stated installation charges) associated with the service required at the new location. A new minimum payment period will be established for the local channel service. If a move to a new designated Central Office is not made at the customer's request, but is required as a result of CNT's rearrangement of its network, move charges do not apply.

3. Termination Charge

A termination charge applies when a customer orders the discontinuance of a private line service before the expiration of a specified period of time. Termination charges apply to specific components as set forth in the appropriate sections of this tariff. The charge has two elements, a dollar amount and a specified period of time. This period, expressed in months, is shown in brackets next to the dollar amount (e.g., \$10,000[120]) in the appropriate sections of this tariff. The termination charge is determined by multiplying the dollar amount by the ratio of the unexpired portion of the specified period of time.

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2.5 Payments and Charges (Cont'd)

2.5.7 Cancellation, Delay, or Change of an Order

The regulations set forth in this section for the cancellation, delay, or change of an order apply to all private line service components.

Change of a Due Date

When an order for a private line service is placed, a due date will be established and confirmed with the customer. In the event that a due date is changed as set forth in A., B., or C. following, the due date for the order will be changed to reflect the number of days of delay or advance, as appropriate.

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 private line service when: Section 2.5.7.B. is not applicable and the 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 the due date is delayed, a due date change charge will apply. Orders involving the discontinuance of a private line service may be delayed at any time prior to the due date. There will be no maximum delay period for these orders.

1. Maximum Delay Period

When the customer has delayed an order for the maximum 30 cumulative calendar day period, the order may not be delayed again by the customer. In such case, unless B. following applies, the customer has the option to (1) accept billing for the private line service ordered, or (2) cancel the order and pay the applicable cancellation charge for the private line service ordered. The billing or cancellation is effective on the 30th cumulative calendar day of the delay.

If the customer elects to accept billing, the installation will be completed as soon as reasonably practical after the customer advises CNT that the installation can be completed.

B. Delay of a Due Date by CNT

CNT will make every reasonable effort to assure that the private line service 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. 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. When the due date is advanced, a due date change charge will apply (see Due Date Change Charge within this tariff.)

D. Cancellation of an Order

A critical date schedule is established by CNT for each private line service order placed by a customer. CNT uses this schedule to identify key activities in the service order process, to monitor the progress of the installation, and to administer the schedule of cancellation charges. Critical date schedules may vary between service orders.

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2.5 Payments and Charges (Cont'd)

2.5.7 Cancellation, Delay or Change of an Order (Cont'd)

D. Cancellation of an Order (Cont'd)

Critical Dates (Cont'd)

The critical dates monitored by CNT are:

Application Date (APP): The date on which the customer provides a firm commitment and sufficient information to CNT to proceed with issuance of a firm order for service.

Scheduled Issue Date (SID): The date on which the service order is entered into CNT's service order distribution system.

Design Layout Report Date (DLRD): The date on which the Design Layout Report (DLR) or access interface information is received by CNT from the LEC.

Records Issue Date (RID): The date on which all circuit design and assignment information is sent to the central office installation force.

Wired and Office Tested Date (WOT): The date by which all intraoffice wiring is completed, all plug-ins are optioned and aligned, and frame continuity is established.

Circuit Test and Acceptance (CTA) Date: The date on which overall testing of the service is completed.

Due Date (DD): The date that has been established for completion of the service installation.

If an order for private line service is canceled by the customer prior to the SID, no charge applies. For cancellations by the customer on or after the those dates, a cancellation charge will apply. Cancellation charges applicable to the components of each category of private line service are listed in the service specific sections of this tariff.

If the customer or CNT delays the due date of an order, in accordance with 2.5.7.A. or B. preceding, the critical date schedule for the order will be revised for those critical dates not yet passed. Subsequent cancellation of the delayed order by the customer will cause a cancellation charge based on the revised schedule to be incurred.

- E. Cancellation Involving Special Construction If a customer cancels an order that involves special construction, the applicable charges for the special construction, described within this tariff, apply in addition to the cancellation charges, herein described.

F. Change of an Order

When a customer changes the office connection or the channel options on an order before the due date, such a change is considered to be a design change. A Design Change Charge applies as specified in this tariff (see Design Change Charge within this tariff). A change in the location of an IOC is considered to be a cancellation of the order. If the change does not involve all portions of a private line service but causes the remainder of the service to be delayed more than 30 days beyond its due date, the customer has the option of (1) accepting billing for the components on the remainder of the service or (2) canceling those components and paying the applicable cancellation charge.

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2. GENERAL REGULATIONS

2.5 Payments and Charges (Cont'd)

2.5.7 Cancellation, Delay or Change of an Order (Cont'd)

G. Other Changes to an Order

When a customer changes (1) the point of local channel termination on a premises (including changes involving the addition or removal of inside wire), (2) the interface, or (3) the channel options on an order before the service date, such a change is considered to be a design change. A design change charge applies as specified in this tariff (see Design Change Charge, Section 13). A change in premises is considered to be a cancellation of the order for the local channel service. If the change does not involve all locations on a local channel service but causes the remainder of the locations to be delayed more than 30 days beyond their due date, the customer has the option of (1) accepting billing for the remaining locations or (2) canceling those locations and paying the applicable cancellation charge.

A customer's order for modification of private line service after the service date is considered to be a change in service arrangement, as specified within this tariff.

2.5.8 Change in Service Arrangement

When a customer requests that private line service be changed after the service date, charges are determined in accordance with A. and B. following.

A. When Charges Apply

Charges apply for the following changes:

1. A change of an interoffice private line service from one transmission speed or bandwidth to another is considered to be the discontinuance of one interoffice private line service and the installation of a new interoffice private line service. Installation charges apply for the new private line service and a new minimum payment period is established.
2. A change in the office connection or a change in conditioning is considered to be the discontinuance and reinstallation of the interoffice private line service involved. Installation charges for the changed components, as appropriate, apply. A new minimum payment period is not established. Installation charges for components continued in use do not apply. A component is considered to be continued in use if (1) there is no break in billing for the recurring charge(s) for the component(s), (2) the component is not changed.
3. For all other changes to an interoffice private line service, excluding those changes identified in B. following, the installation charge for the component involved applies.

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2.5 Payments and Charges (Cont'd)

2.5.8 Change in Service Arrangement (Cont'd)

A. When Charges Apply (Cont'd)

4. When a change involves any of the activities identified in (a) through (e) following, it is considered to be the discontinuance of one local channel service and the installation of another. Installation charges will apply for all components involved (including the access coordination function) and a new minimum payment period is established:
 - a. A change from one category of local channel service to another.
 - b. A change within a category of service from one transmission speed, transmission mode, bandwidth, or technical specifications package to another.
 - c. A change from a two-wire termination to a four-wire termination or vice versa.
 - d. A change from two-point to multipoint local channel service or vice versa.
 - e. A change from one access vendor to another access vendor when CNT provides only the Access Coordination Function.
 5. When a change involves moving the physical location of a local channel service (including changes caused by a customer specifying a particular designated CNT central office as set forth within this tariff), move charges apply as specified within this tariff.
 6. When a change involves the addition of a point to an existing multipoint local channel service, installation charges apply for the components which are added to the service (including the access coordination function).
 7. When a change involves the addition of a local channel option, miscellaneous function, or miscellaneous equipment item which has a stated installation charge, that charge will apply. In addition, a charge equal to the installation charge for an access coordination function involved will apply.
- B. When Charges do not Apply
- Charges do not apply for the following changes:
1. When the customer for the private line service changes due to corporate purchase, merger, reorganization, or transfer of assignment of the private line service and no physical change in the service (e.g. change in the interface, change in signaling, etc.) is requested by the new customer.
 2. When the jurisdiction of private line service changes and no physical change is requested by the customer, except where LEC access termination charges apply.
 3. When a private line service is discontinued, unless a termination charge applies as set forth within this tariff.

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2.5 Payments and Charges (Cont'd)

2.5.8 Change in Service Arrangement (Cont'd)

B. When Charges do not Apply (Cont'd)

4. When the change involves CNT records only (e.g., change in billing address).

5. Changes which are not made for customer reasons, but are required as a result of CNT's rearrangement of its network (e.g., changes resulting from the termination of a Shared Network Facilities Arrangement contract).

2.5.9 Fractional Charges and Credits

A. Computing Charges or Credits for a Fractional Part of a Month

When rates are stated on a monthly basis, each month is considered to have 30 days for billing purposes. Charges or credits for a fractional part of a month are calculated by counting the number of days remaining in the billing period after the private line service is furnished or has been discontinued. The number of days remaining in the billing period (including the 31st day of a 31-day month, if applicable) are counted starting with the day after the date on which the private line service was furnished or discontinued. Divide that figure by 30 days. The resultant fraction is then multiplied by the monthly charge to arrive at the fractional monthly charge or credit.

B. Computing Fractional Charges or Credits for a Rate Change

When a monthly rate is changed (increased or decreased) as a result of a tariff revision, the additional charge or credit is calculated as follows.

1. Monthly Rates - For any fractional part of a month, count the number of days remaining in the billing period (including the 31st day of a 31-day month) starting with the effective date of the rate change. Divide that figure by 30 days (billing month). The resultant fraction is then multiplied by the amount of the monthly rate change to arrive at the fractional charge or credit for the rate change.

C. Rounding to the Nearest Cent

If the computed charge(s) or credit include one-half cent or more, the fractional is rounded up to the next higher cent. Fractions of less than one-half cent are disregarded.

2.5.10 Special Taxes, Fees, Charges

Any assessments, franchise fees, privilege, license, occupation, excise, or other similar taxes or fees, whether in a lump sum or at a flat rate, or based on receipts, or based on poles, wire or other utility property units, imposed upon CNT by any governmental authority subsequent to the effective date of this tariff shall be added pro rata, insofar as practical, to the rates and charges stated in the standard schedules, in amounts which in the aggregate for the customers of any political entity shall be equal to the amount of any such tax upon CNT. CNT shall, so long as any such tax or fee is in effect, add to the bills of the customers in such political entity a pro-rate on

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2.5 Payments and Charges (Cont'd)

2.5.10 Special Taxes, Fees, Charges (Cont'd)

the basis of the revenue derived by the company from each such customer, an amount sufficient to recover any such tax or fee.

2.5.11 Special Access Surcharge

- A. A Special Access Surcharge applies to each termination of a channel service at a PBX or equivalent device capable of interconnecting the channel with the local exchange network. The surcharge applies to each two-point local channel, to each multipoint termination at a customer's location, and applies to analog and digital high capacity service on a per voice grade equivalent basis.

CNT will bill the customer for the surcharge on each channel service termination unless the customer certifies that the channel service termination is exempt from the surcharge. This charge will be billed automatically on each special access service installed irrespective of whether the interconnection capability exists in the customer's premises equipment or in a Centrex-CO type switch. The surcharge rate is specified in the applicable rate sections of this tariff.

B. Exemptions from the Surcharge

1. A customer's channel service termination will be exempted from the monthly surcharge if the customer certifies to CNT that:
 - a. The channel service is terminated in a device which is not capable of interconnecting the service with the local exchange network, or
 - b. The channel service termination is associated with Switched Access Service that is subject to Carrier Common Line charges.
2. Certification must be provided by the customer when the channel service is ordered or changed. If a certification is not received from the customer with the order or change of service, the surcharge will be applied.
3. If the customer's service termination cannot be exempted as certified, the company reserves the right to bill and/or back bill the customer as necessary, including any penalty charges that may accrue to the Company.

C. Crediting the Surcharge

Upon receipt by CNT of certification that the customer's channel service termination is exempt from the surcharge, as specified in B. preceding, CNT will not bill the customer at the location certified as exempt.

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2.5 Payments and Charges (Cont'd)

2.5.12 Late Payment Charge

Subject to billing and systems availability, when a bill or estimated bill for private line services charges is presented to the Customer, any amounts for which payment has not been received within 30 calendar days of the invoice date will be considered delinquent. The Customer shall be assessed a Late Payment Charge on any delinquent account balance, when that balance exceeds \$25.00. The minimum late Payment Charge is \$5.00. The period subject to the Late Payment Charge shall commence on the 31st calendar day after the invoice date, and continue from month to month until the delinquent balance is resolved. The Late Payment Charge shall be assessed monthly, based on the delinquent balance maintained on the account at that time. The Late Payment Charge shall be an amount equal to the outstanding delinquent balance multiplied by the applicable interest rate. The interest rate shall be 18% annually, simple interest (1.5% per month, simple interest) unless an applicable law or regulation specifies a lower rate to be charged, and that lower rate shall then apply. The Customer shall not be charged a Late Payment Charge on a delinquent balance, however, if an applicable law or regulation prohibits the imposition of such charges.

In the event a Customer disputes, in good faith, the validity of any private line services charges appearing on its invoice, as specified in this tariff, the amount of these disputed charges will be excluded from the total delinquent balance while the dispute is pending. If the Company sustains the charges after investigating the dispute, the applicable Late Payment Charges shall be deemed correct and binding on the Customer. If, alternately, the Company credits the charges after investigating the dispute, the Late Payment Charges will not apply.

2.6 Credit Allowances for Interruptions

2.6.1 General

A credit allowance will be given when a private line service is interrupted, except as specified within this tariff. An interruption period begins when the customer reports a private line service to be interrupted and releases it for testing and repair. An interruption period ends when the private line service is operative. Only the interrupted portion of the private line service will receive a credit. If the customer reports a private line service to be inoperative but declines to release it for testing and repair, it is considered to be impaired, but not interrupted.

In addition, there are specific credit allowance regulations that only apply to a particular private line service. Those regulations are specified in the section of the tariff that is applicable to the specific private line service.

2.6.2 When Credit Allowance does not Apply

Credit allowance does not apply for:

- A. Interruptions caused by the negligence of the customer or others authorized by the customer to use the customer's service,
- B. Interruptions due to the failure of power, equipment, systems, or connections not provided by CNT,
- C. Interruptions during any period when the customer or user has released a private line service for maintenance or rearrangement purposes, or for the implementation of a customer order,

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2.6 Credit Allowances for Interruptions (Cont'd)

2.6.2 When Credit Allowance does not Apply (Cont'd)

- D. Interruptions which continue because of the customer's failure to authorize replacement of any element of special construction. The period for which credit is not allowed, begins on the seventh day after the customer receives CNT's written notification of the need for such replacement. It ends on the day after receipt of the customer's written authorization for such replacement,
- E. interruptions during periods when the customer elects not to release the private line service for testing and/or repair,
- F. Interruptions caused by the failure of access service, or
- G. An interruption or group of interruptions, resulting from a common cause, for amounts totaling less than one dollar.
- H. Interruptions during any period in which CNT or its agents are not afforded access to the customer's premises.

2.6.3 Use of Another Means of Communication

If the customer elects to use another means of communication during the period of interruption, the customer must pay the charges for the alternative service used.

2.6.4 Temporary Surrender of a Private Line Service

In certain instances, the customer may be asked to surrender a private line service for purposes other than maintenance, testing, repair, or activity relating to a service order. If the customer consents, a credit will be given. One day's credit will be given for each 24-hour period or fraction thereof that the service is surrendered.

2.6.5 Calculation of Credit Allowances

The credit allowances for all private line services are set forth in this section.

For calculating credit allowances for monthly services, every month is considered to have 30 days.

A credit allowance will be given for all private line services that are interrupted for 30 minutes or more. The credit allowance is determined in the following manner:

- A. Interoffice Channels:
 - 1. Calculate the average point value for one month by adding the total monthly charges for the private line service. That sum is then divided by the total number of central offices affected.
 - 2. Calculate the average point value for one full day by dividing the average point value for one month by 30 days: (A.1.) divided by 30.
 - 3. Multiply the average point value for one day by the interruption period to be credited (see Calculation Table within this tariff.) in order to determine the credit for one point: (A.2.) x interruption period.

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2.6 Credit Allowances for Interruptions (Cont'd)

2.6.5 Calculation of Credit Allowances (Cont'd)

A. Interoffice Channels: (Cont'd)

4. Multiply the credit for one point by the number of central offices affected to determine the credit allowance for the service: (A.3.) x number of central offices affected.

B. Local Channels:

1. Calculate the average channel value for one month by adding the total monthly charges for the local channel service. That sum is then divided by the total number of local channels or bridged channels on the local channel service.

2. Calculate the average channel value for one full day by dividing the average channel value for one month by 30 days: (B.1.) divided by 30.

3. Multiply the average channel value for one day by the interruption period to be credited (see Calculation Table following) in order to determine the credit for one channel: (B.2.) x interruption period.

4. Multiply the credit for one channel by the number of channels affected to determine the credit allowance for the local channel service: (B.3.) x number of channels affected.

C. Calculation Table

The following table is used for calculating credit allowances for interruptions.

<u>Length of Interruption</u>	<u>Interruption Period to be Credited</u>
1 hour 59 minutes or less	None
2 hours and less than 8 hours	0.2% of monthly recurring revenue
Each hour above 8 hours	0.5% of the monthly recurring revenue of the Circuit, capped at 50% of the monthly recurring revenue for any single Service Outage and 100% of the monthly recurring revenue for all Service Outages to that same Circuit in any month

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2.7 Connections

2.7.1 General

When access is connected to a CNT service, the connection will be made at the designated CNT central office if the CNT service and the access are electrically compatible. The regulations in this section and in the section(s) and tariff(s) applicable to a specific CNT service will apply to the connection. Coordinating agreements are necessary between CNT and access providers to establish arrangements for common functions at central offices, such as space, power, and light. In addition, technical agreements, similar to those in place with local exchange companies, are required between CNT and access providers to establish the specific arrangements by which the access will be connected to CNT's services. Connections to access will be made using office connections as described within this tariff. The responsibilities of CNT and the customer are specified following.

A. Responsibilities of CNT

CNT is not responsible to any party if a change in its minimum protection criteria, operations, or procedures (1) affects any access in any way, or (2) requires modification of access in order to be used. However, if such changes can be reasonably expected to materially affect the operating, switching, or transmission characteristics of the CNT service, or render the access incompatible, CNT will provide adequate notice in writing to allow the customer the opportunity to maintain uninterrupted service.

Unless CNT is responsible for end-to-end service as defined within this tariff, CNT is not responsible for changing its channels or components to maintain compatibility with access. However, if such changes are requested, CNT will, upon receipt of a customer order, endeavor to make the changes without interrupting service.

The testing of an CNT service will be made from a designated CNT central office.

In certain situations, assistance is available in matters pertaining to testing of assemblies. The services offered are set forth in this tariff (see Additional Administrative and Operational Functions, within this tariff).

B. Responsibilities of the Customer

When access is connected at a designated CNT central office the customer assumes responsibility for the connection as follows:

1. Ordering

Unless CNT is responsible for end-to-end service as described within this tariff, the customer must make all arrangements concerning the access with its provider and must make arrangements with CNT for the connection.

2. Compatibility with the CNT Service

Unless CNT is responsible for end-to-end service as defined within this tariff, the customer is responsible for ensuring compatibility between the access and the CNT service. This customer responsibility applies at the initial installation and on a continuing basis as long as the connection is made.

When a connection of access is made at an designated CNT central office and CNT is not responsible for end-to-end service as defined within this tariff, CNT does not warrant that any portion of the assembly will operate properly or that transmission will be satisfactory. If, however, a trouble condition is reported, CNT will assure that the channels and components CNT provides are operating properly with satisfactory transmission.

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2.7 Connections (Cont'd)

2.7.1 General (Cont'd)

B. Responsibilities of the Customer (Cont'd)

3. Interface Information

The customer must specify the type of interface that is required.

4. Testing and Maintenance

If a trouble condition occurs on an assembly, the customer is responsible for determining if the trouble is in the connected access. CNT will only test and maintain its service.

2.7.2 Interference and Hazard

The operating characteristics of the access connected to an CNT service must not interfere with, or impair, any services provided by CNT to others. In addition, they must not endanger the safety of CNT employees or the public; damage or interfere with the functioning of CNT equipment, channels or services; or otherwise injure the public in its use of these offerings.

2.7.3 Minimum Protection Criteria

Access must comply with the Minimum Protection Criteria as specified in this tariff for the service to which the access is connected.

2.8 Violation of Regulations

2.8.1 General

CNT may take immediate action to protect its private line services or interests when certain regulations contained in this tariff are violated. The specific regulations involved and the action that will be taken by CNT are as specified within this tariff.

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2.8 Violation of Regulations (Cont'd)

2.8.2 Interference, Impairment, or Improper Use

CNT will take immediate action to temporarily suspend the private line service when a customer violation of Section 2.7.2 preceding:

Subjects CNT or non-CNT personnel to hazardous conditions,

Circumvents CNT's ability to charge for its services, or

Results in immediate harm to the private line service or other CNT service.

In such cases, CNT will make reasonable efforts to give the customer prior notice before temporarily suspending service.

If a customer fails to comply with Section 2.7.2 preceding, CNT may, on ten (10) days' written notice by certified U.S. mail to the customer, deny requests for additional private line services and/or temporarily suspend the private line service to the non complying customer. If CNT does not deny or temporarily suspend the private line service(s) involved on the date of the expiration of the ten (10) days advance notice, and the customer noncompliance continues, nothing contained herein shall preclude CNT's right to deny or temporarily suspend the private line service without further notice.

When a violation results in the temporary suspension or denial of the private line service, these restrictions will be removed when the customer is in compliance with the regulation and so advises CNT, and said compliance is verified by CNT.

2.8.3 Nonpayment of Charges

CNT may disconnect a private line service or deny requests for additional private line services for nonpayment of any charges due as specified in within this tariff (Payment of Charges) preceding. A written notice will be sent to the customer at least ten (10) days in advance of the disconnect or denial of additional private line services. Upon payment of charges, the denial of additional service will be removed.

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2. GENERAL REGULATIONS

2.9 Definitions

Access - The communications services, channels, assemblies and systems outside of CNT's interoffice network that connect the customer premises to the CNT interoffice network.

Access Coordination Function - A component that provides for the design, ordering, installation coordination, preservice testing and service turn-up, trouble sectionalization, and restoration coordination on a channel provided by CNT under this tariff or an equivalent channel provided by the customer.

Assembly - A configuration consisting of customer equipment (excluding Customer Premises Equipment as defined in Computer Inquiry II) and/or channels which is connected to one or more private line services.

Designated CNT Central Office - The physical point of access for a service category to the CNT interoffice network.

Bridged Channel - A Voice Grade Local Channel Service component which provides a communication path between (1) a customer's premises and a Local Exchange Company bridge, or (2) a designated CNT Central Office and a Local Exchange Company bridge.

Building - A structure consisting of an enclosed area surrounded by outside walls and under one continuous roof.

Channel - An electrical transmission path for communications between two points.

Channel Option - A private line service component added to a Channel to change and/or augment its transmission characteristics.

Channel Service Unit - Equipment which performs the function of properly terminating a Digital Data Service local channel. The functions provided are regeneration of signals, loop equalization, maintenance, testing capability, and network protection.

Channel Service Unit Functionality - Equipment which performs the functions of: (1) properly terminating an T1.5 Channel Service or a Digital Data Local Channel Service, (2) regeneration of signals and (3) recognition of signal format errors.

Component - An element furnished under this tariff. Components are local and interoffice channels, bridged, and interbridge channels, access coordination functions, channel options, miscellaneous functions, central office connections, and miscellaneous equipment items.

Customer - The person or legal entity that orders a private line service (either directly or through an agent).

Customer Equipment - Terminal equipment, a multiline terminating system or protective circuitry located at non-CNT premises.

Customer Premises - the premises of a customer or user. It also includes customer-designated non-CNT premises

Customer-Provided Communications System - Non-CNT-provided dedicated private line channels and equipment (e.g., microwave or cable system).

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2. GENERAL REGULATIONS

2.9 Definitions (Cont'd)

Design Loss - The amount of power loss expected to occur when a 1004 Hz tone is transmitted from one end of a local channel to the other end.

Direct Electrical Connection - A physical connection (i.e., not through a switch) of the electrical conductors in a communications path.

DS1 Channel - An T1.5 Service, 1.544 Mbps. Local Channel, or other access.

Due Date - The date that has been established for completion of the installation, change, or disconnect of a private line service component.

Foreign Exchange Service - A service that enables a customer to obtain dial tone and related features in a LEC central office outside the LATA of the LEC central office which normally services the customer's location.

Independent Company - A local exchange company (LEC) that is not a former Bell Operating Company.

Interbridge Channel - A Voice Grade Local Channel Service component which provides a communications path between two Local Exchange Company bridges located in the same LATA.

Interface - The electrical and physical means by which a connection is made at a designated CNT central office.

Interoffice Channel - A private line service component which connects a designated CNT central office to another designated CNT central office.

Interoffice Private Line Service - The interoffice channel(s) and office connection(s), office functions, and channel option(s) furnished under this tariff to a customer.

Interstate Communications - A term that describes communications between and among individual states. It includes both interstate and foreign communications.

Intrastate Communications - A term which describes communications which take place within a state's boundaries and which are not terminated in a switch permitting interstate communications.

Local Access and Transport Area (LATA) - A geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges which are grouped to serve common social, economic, and other purposes.

Local Channel - a private line channel that connects an designated CNT central office to a customer's premises.

Local Exchange Company (LEC)- A company which furnishes exchange telephone service.

Multifrequency Pulsing - An inband interoffice address signaling method in which ten decimal digits and five auxiliary signals are each represented by selecting two frequencies out of a group consisting of: 700, 900, 1100, 1300, 1500, and 1700 Hz.

Multipoint - A private line service directly connecting three or more designated CNT central offices.

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2. GENERAL REGULATIONS

2.9 Definitions (Cont'd)

Multipoint Local Channel Service - A service which connects three or more points on a direct electrical basis.

Network Interface - The point of demarcation on the end user's premises at which the access supplier's responsibility for the provision of access ends.

Office Connection - Office connections provide the physical connection, at a designated CNT central office to perform channel derivation, switching, conversion or transfer functions.

Office Function - A private line service component located and furnished at a designated CNT central office to perform channel derivation, switching, conversion, or transfer functions.

Point of Interface - The point of demarcation between CNT and an access supplier. This point, located at a designated CNT Central Office, establishes the technical interface, the test point, and the point of division of operational responsibility.

Premises - A building or buildings on continuous property (except railroad right-of-way, etc.) not separated by a public throughfare.

Pricing Central Office - The designated CNT central office for a particular category of local channel service which is nearest to the customer's premises (measured between the serving wire centers of the customer's premises and the designated CNT Central Office).

Private Line Service - (1) the interoffice channel(s) and office connection(s), station connections and channel option(s) furnished under this tariff to a customer as a unit uninterrupted by office functions, or (2) and office function.

Registered - A term which means compliance with and approval within the Registration Program.

Registration Program - Part 68 of the FCC's Rules and Regulations which permits customer Equipment to be directly connected to WATS, LDMTS and certain local channel services without the requirement for protective circuitry.

Ringling - An alternating or pulsating current intended to produce an audible or visible alerting signal.

Service Date - The date that billing starts for a private line service or component.

Service Period - The period of time during which CNT furnishes a private line service. It encompasses the consecutive period from the start of service to the end of service ordered by the customer.

Serving Wire Center - The wire center from which the customer's premises or designated CNT central office would normally obtain dial tone from the Local Exchange Company.

Standard Jack - The means of connecting customer equipment to a local channel service as specified in the Registration Program.

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2. GENERAL REGULATIONS

2.9 Definitions (Cont'd)

Technical Specifications Package - A combination of the various technical specifications associated with a Voice Grade Local Channel Service. Each package is designed to satisfy specific customer applications (e.g., voice, data, telephoto, etc.).

Terminal Equipment - Any telecommunications equipment other than a multiline terminating system or customer-provided communications system installed on the customer's side of the interface at a customer's premises.

Termination - A customer premises or a designated CNT Central Office.

Two-Point Local Channel Service - A service which consists of a single local channel.

User - A person or legal entity authorized by a customer to communicate over, or be connected to, the customer's private line service.

Wire Center - A building in which one or more central offices, used for provision of local exchange service, are located.

Wire Center Area - The territory served by a serving wire center.

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3. GENERAL DESCRIPTION

3.1 General

This section provides a general overview of the private line services available in this tariff. It includes a description of the two major classifications of private line services and the categories and components of service available under each classification. More detailed descriptions and specific rate information are located within the section of this tariff that applies to a given category of service.

3.2 Private Line Service Classification

There are two major classifications of private line service, (1) interoffice private line service, and (2) private line local channel service.

3.2.1 Interoffice Private Line Service

An interoffice private line service connects two or more designated CNT central offices.

3.2.2 Private Line Local Channel Service

A private line local channel service connects customer premises to customer premises or to a designated CNT central office.

3.3 Interoffice Private Line Service Categories

There are several categories of interoffice private line service. Each service category has its own technical characteristics and specifications, and most are further subdivided into speeds or types of transmission. Following is a brief description of each service category. Each category of service is available only within and/or between specified CNT central offices.

3.3.1 T1.5 Services

Provides service for the transmission of large volumes of communications at 1.544 mbps.

3.3.2 T45 Services

Provides service for the transmission of 44.736 Mbps digital signals.

3.4 Private Line Local Channel Service Categories

There are several categories of local channel services. Each category has its own technical characteristics and specifications, and most are further subdivided into speeds or types of transmission. Following is a brief description of each local channel service category.

3.4.1 1.544 Mbps Local Channel Services

Provides services for the transmission of large volumes of communications at 1.544 Mbps.

3.4.2 Voice Grade Local Channel Services

Provides services for the transmission of analog signals within an approximate bandwidth of 300 to 3000 Hz.

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3. GENERAL DESCRIPTION

3.3 Interoffice Private Line Service Categories (Cont'd)

3.4.3 T45 Local Channel Services

Provides services for the transmission of large volumes of communications at 44.736 Mbps.

3.5 Interoffice Private Line Service Components

An interoffice private line service is comprised of components which include interoffice channels, office connections, channel options, and office functions.

3.5.1 Interoffice Channel (IOC)

An IOC is a channel between two designated CNT central offices.

3.5.2 Office Connections

An office connection provides the physical interconnection at a designated CNT central office between an interoffice channel, an office function, a local channel obtained from the Private Line Local Channel sections of this Tariff, or other access. When other access is connected to an CNT service and the customer wishes CNT to perform the functions of access design, ordering, installation, coordination, preservice testing and service turn-up, trouble sectionalization, and restoration coordination, the Access Coordination Function furnished under the Private Line Local Channel sections of this Tariff provides those functions. When the Access Coordination Function is ordered, CNT will design the service based upon standard engineering considerations. When other access is connected to an CNT service and the customer wishes CNT to perform only the function of physical connection of the access to a service component at an CNT central office, an office connection only is employed. In such cases, CNT makes or implies no warranty that the assembly will operate properly or that transmission will be satisfactory. An office connection is also employed to connect service components within a designated CNT central office, for example:

an IOC to: a local channel or other access, or an office function

a local channel to: another local channel or other access, or an office function

an office function to: another office function other access to: an office function

Office connections apply for each two components interconnected at a designated CNT central office.

3.5.3 Channel Options

Channel options are features which can be added to an Interoffice Channel to change or to augment its transmission characteristics. Typical channel options are signaling and data conditioning.

3.5.4 Office Functions

Office functions are optional functions performed at CNT central offices which enable customers to increase the efficiency or usefulness of their service. They include switching arrangements, transfer arrangements, and alternate use arrangements. Office functions are connected with channels or other office functions by office connections.

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3. GENERAL DESCRIPTION

3.6 Local Channel Service Components

A private line local channel service is comprised of components which include local channels, bridged channels, interbridge channels, access coordination functions, channel options, miscellaneous functions, and miscellaneous equipment items.

3.6.1 Local Channel

A local channel is a channel between customer premises, or between customer premises and a designated CNT central office.

3.6.2 Bridged Channel

A bridged channel is a channel between (1) a designated CNT central office and a Local Exchange Company bridge or (2) a customer's premises and a Local Exchange Company bridge. Bridged channels are available on Voice Grade Local Channel Services.

3.6.3 Interbridge Channel

An interbridge channel is a channel between two Local Exchange Company bridges located in different wire centers. Interbridge channels are available on Voice Grade Local Channel Services only.

3.6.4 Access Coordination Function

The access coordination function provides for the design, ordering, installation coordination, preservice testing and service turn-up, trouble sectionalization, and restoration coordination on a channel provided by CNT under this tariff or an equivalent channel provided by the customer. In addition the access coordination function is available on Feature Group A and B Switched Access service channels.

3.6.5 Channel Options

Channel options are features which can be added to a local channel to change or to augment its transmission characteristics. Typical channel options are signaling and data conditioning.

3.6.6 Miscellaneous Functions

Miscellaneous functions are optional functions performed at designated CNT central offices which enable a customer to increase the efficiency or usefulness of a service. The only miscellaneous function currently available is bridging for Digital Data Local Channel Service.

3.6.7 Miscellaneous Equipment Items

Miscellaneous equipment items are optional items and arrangements which may be ordered on a local channel service (see Miscellaneous Functions and Arrangements, within this tariff).

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4. MILEAGE MEASUREMENT

4.1 Mileage Measurement

The mileage to be used to determine the monthly rate for the Transport Channels is calculated on the airline distance between the location involved, i.e., the serving wire centers associated with two customer designated premises, a serving wire center associated with a customer designated premises and a designated central office, or two designated central offices. The serving wire center from which the customer designated premises would normally obtain dial tone.

Mileage is shown in terms of mileage bands. To determine the rate to be billed first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4, then find the band into which the computer mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rate.

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5. SPECIAL ARRANGEMENTS

5.1 Promotions

CNT may from time to time engage in special promotions of new or existing tariffed offerings of limited duration designed to attract new customers or to increase existing customer awareness of a particular offering. These promotional offerings are subject to the availability of services and facilities and may be limited to a specific geographical area or to a subset of a specific market group.

5.2 Contract Service Arrangements

5.2.1 General

- A. When economically practicable, customer specific contract service arrangements may be furnished in lieu of existing tariff.
1. Rates, Charges, Terms and additional regulations, if applicable, for the contract service arrangement will be developed on an individual case basis.
 1. Unless otherwise specified, the regulations for contract service arrangements are in addition to the applicable regulations and rates specified in other sections of this Tariff.
 3. All customer specific contract service arrangements will be considered highly proprietary competitive market information, and will be sealed so as to prevent disclosure outside of those with a need to know.

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6. T1.5 SERVICES-INTEROFFICE & LOCAL CHANNEL

6.1 General

An T1.5 Service provides for the transmission of 1.544 Mbps digital signals over terrestrial channels.

6.1.1 Description

T1.5 INTEROFFICE SERVICES are configured by furnishing office functions or by combining components to connect two designated CNT central offices. T1.5 Services are furnished on a two-point basis only.

T1.5 Local Channel Service is capable of simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital signals at a transmission speed of 1.544 Mbps on a two-point basis only.

The customer is responsible for providing channel service unit functionality at each local channel service termination on a customer's premises .

T1.5 Local Channel Services use a framed DS1 signal format (D4 or ESF). Customers are required to select either D4 format or where available, the Extended Superframe (ESF).

Intrastate/InterLATA Terrestrial T1.5 Local Channel Service is furnished: (1) between a Customer's premises and a designated CNT central office in the same LATA to connect that premises to InterLATA IOC, or (2) solely as an access coordination function.

Intrastate/IntraLATA Terrestrial T1.5 Local Channel Service is furnished: (1) between two Customer premises in the same LATA, or (2) between a Customer's premises and a designated CNT central office in the same LATA to connect that premises to IntraLATA IOC or another Intrastate/IntraLATA Local Channel.

6.1.2 Regulations

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

A. Availability of an T1.5 Service

T1.5 Services are available from designated CNT central offices, and may not be available in every LATA.

B. Connection of other Access

If the connection provides the capability to transmit signals with encoded analog content via the T1.5 Service to the telecommunications network, it must comply with the minimum protection criteria.

C. Connection of Local Channel Service Unit Functionality

The customer is responsible for providing channel service unit functionality at each termination of a local channel service on a customer's premises.

In the event that a trouble indication exists which necessitates a visit of a repair person to a customer's premises because of the absence of a loop-back in the customer's equipment, a Maintenance of Service Charge will apply (see Maintenance of Service Charge, within this tariff).

The connection of channel service unit functionality to 1.544 Mbps Local Channel Services shall be in accordance with Part 68 of the FCC's Rules and Regulations (Registration Program).

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6. T1.5 SERVICES-INTEROFFICE & LOCAL CHANNEL

6.1.3 Minimum Payment Period

Except as noted within this tariff, the minimum payment period for all T1.5 Service components is one month.

6.1.4 Notice of Discontinuance

The notice of discontinuance for the IOC component of a T1.5 Service is 30 calendar days. Recurring charges apply for a period of 30 calendar days from the date CNT receives the discontinuance notice or until the requested discontinuance date, whichever is later. During this period, the charges will continue to apply whether or not the customer continues to use the service. For purposes of calculating the discontinuance charges for customers subscribing to a fixed rate plan, the customer's current fixed rate will apply until the expiration date of the fixed rate plan and conventional monthly rates will apply thereafter.

The notice of discontinuance for all other T1.5 Service components is 30 calendar days.

6.1.5 Cancellation Charge

A cancellation charge will apply, per component, for service orders canceled by the customer on or after the SID. Refer to Price List for Cancellation Charge Schedule – T1.5.

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.

6.2 Service Components and Rates

6.2.1 Interoffice Channel (IOC)

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

6.2 Service Components and Rates (Cont'd)

6.2.1 Interoffice Channel (IOC) (Cont'd)

A. Monthly Rates

The monthly per channel charge is mileage sensitive and includes two rates. The fixed rate applies to the channel itself, and a mileage rate applies to each airline mile of the Interoffice Channel. Refer to Price List.

B. Calculation of Charges

To calculate the monthly recurring charge for each Interoffice Channel, first determine the airline mileage of the channel (see Calculation of Airline Mileage, within this tariff). Using the rate schedule which corresponds to the applicable rate plan, multiply the total calculated airline miles by the appropriate mileage rate. To this figure add the corresponding fixed rate. The sum of the mileage charge and the fixed charge is the total recurring monthly charge for the IOC.

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6. T1.5 SERVICES-INTEROFFICE & LOCAL CHANNEL

6.2 Service Components and Rates (Cont'd)

6.2.2 Office Connections

A. Access Connection

An access connection provides the function, at a designated CNT central office, of connecting Local Channels, other access, or a CNT enhanced service to an IOC, office function, another Local Channel, or other access. One access connection applies for each Local Channel, other access, or CNT enhanced service connected. Refer to Price List.

B. Function Connection

A function connection provides the function, at the designated CNT central office, of connecting an office function to an IOC or another office function. Refer to Price List.

6.2.3 Channel Options

Channel options are features added to a channel to change or augment its transmission characteristics.

A. Enhanced Diversity Routing

Under this option, two or more T1.5 IOCs are furnished entirely over physically and electrically separated transmission paths, such that a failure at one geographic location will not cause the loss of both paths. The Enhanced Diversity Routing (EDR) is offered where separate facilities are available, subject to routing or performance constraints resulting from the diverse routing and made known to the customer prior to ordering. If complete EDR is not available when ordered, or if it becomes unavailable at a later date due to network rearrangements, EDR may be furnished on a partial basis only at the customer's request. The customer will be advised before partial EDR is provided and may cancel or discontinue the EDR option if the partial EDR is not acceptable. No cancellation charge will apply if the facilities are not available or the customer does not accept the partial EDR. When EDR is ordered, an installation charge and a monthly charge apply for each IOC in an IOC relationship pair on which EDR is provided, i.e., IOC No. 1 is diverse from IOC No. 2.

Refer to Price List

B. Clear Channel Capability

This option provides a customer with the capability to transmit DSO (64 Kbps) or DS1 (1.544 Mbps) signals with more than 15 consecutive zeros in a transmission. B8ZS (bipolar eight zero substitution) is the only coding technique acceptable for use with T1.5 Service to provide 64 Kbps clear channel capability.

Compatible Customer Premises equipment is required with this option. This equipment must be capable of transmitting and receiving B8ZS coding and must conform to extended superframe format.

An order for the Clear Channel Capability option must be placed coincidentally with the customer's order for T1.5 Service. This option is subject to availability and may not be available in all locations. There is no charge for this option on a T1.5 Interoffice Channel. The Local Channel rates are on an individual case basis.

Refer to Price List.

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6. T1.5 SERVICES-INTEROFFICE & LOCAL CHANNEL

6.2 Service Components and Rates (Cont'd)

6.2.4 Office Functions

A. Transfer Arrangement

This transfer arrangement enables a customer to transfer a DS1 channel between two other DS1 channels.

An office connection is required for each DS1 channel connected to this arrangement.

A key-activated control channel or I X N Control Arrangement is required to operate the transfer arrangement. The control channel must be provided from the designated CNT central office to the control location of the customer. The key and channel must be provided by the customer. The control channel will require an office connection. Access to the I X N Control Arrangement requires a dial-up data station at the designated CNT central office.

Refer to Price List.

B. DS1 Switch Port

This office function provides electronic cross connection of DS0 Channels to provide Customer Controlled Reconfiguration.

Customer Controlled Reconfiguration - Customer Controlled Reconfiguration permits the Customer to electronically rearrange DSO channels between DS1 channels. This can be done between all of a Customer's DS1 channels terminating in the same designated CNT central office. Customer Controlled Reconfiguration requires one DS1 Switch Port for each of the office connections. In addition, Customer Controlled Reconfiguration requires Customer-provided terminal equipment and private line service or a dial-up service to send the customer's instructions to the network control center. If the customer elects to use dial-up services to access the network control center, an CNT 800 Service or its equivalent is required to provide secure dial-back capability.

Refer to Price List.

C. Access Protection Capability

This office function provides protection against failure of a local channel or other access. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when the working channel fails. The spare channel is not included and must be ordered separately. This office function also requires compatible equipment to be provided by the customer at its premises.

Refer to Price List.

6.2.5 T1.5 Local Channel Service Rates

The rates applicable to T1.5 Local Channel Services are as set forth herein.

6.2.6 Local Channels

CNT will provide t1.5 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. Refer to Price List.

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6. T1.5 SERVICES-INTEROFFICE & LOCAL CHANNEL

6.2 Service Components and Rates (Cont'd)

6.2.7 Access Coordination Function

An access coordination function is required for each local channel provided by CNT or for each access channel provided by the customer for which CNT provides access coordination.

Refer to Price List.

6.2.8 Channel Options

The following channel options are available for use with t1.5 Local Channel Services:

A. Special Routing

A t1.5 Local Channel Service is normally furnished using facilities selected by CNT. However, special routing options are available where the required components are available. Diversity is the only special routing option available for t1.5 Local Channel Services.

Two or more 1.544 Mbps Local Channel Services may be furnished partially or entirely over not more than two physically separated routes, subject to availability of facilities. Diversity is furnished for a portion of the local channel or for the entire local channel depending on the facilities available. If there are more than two local channels, the local channels are divided into two groups and furnished partially or entirely over two physically separated routes.

Charges will be developed and filed on an individual case basis.

6.2.9 Special Access Surcharge

In addition to the rates set forth within this tariff, a Special Access Surcharge applies to each voice grade equivalent channel, derived from a T1.5 Local Channel Service, which is terminated at a PBX or equivalent device capable of interconnecting the derived channel with the local exchange network (for additional information regarding the application of the Special Access Surcharge, refer to the regulations set forth within this tariff).

Special Access Surcharge Rates are as specified in the Price List.

6.2.10 Customer Access Selection Charge (CASC)

When a Customer orders a Terrestrial T1.5 Local Channel Service and requests an access provider other than the one selected by CNT, and CNT provisions the local channel service with the access provider requested by the Customer, a monthly recurring CASC applies in addition to the price of the local channel service. The monthly recurring CASC does not count toward revenue commitments and is not eligible for discounts.

Refer to Price List.

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7. T45 SERVICES-INTEROFFICE & LOCAL CHANNEL

7.1 General

T45 Services provide for the transmission of 44.736 Mbps digital signals.

T45 Services use a framed DS3 signal format. When used to carry Multiplexed DS1 Channels, the signal carried within the framed DS3 format must contain Formatted DS1 channels (for Interoffice Service) or Extended Superframe(for Local Channel Services), to a maximum of 28.

7.1.1 Description

T45 Interoffice Services are configured by combining service components at designated CNT central offices, and are furnished on a two-point basis only.

A T45 Mbps Local Channel Service provides a digital channel for the two-way simultaneous transmission of signals at the DS3 rate of 44.736 Mbps.

A T45 Mbps Local Channel Service is suitable for the transmission of voice, data (including CNT Interoffice Digital Service Spectrum) or any other application required by the customer which utilizes digital signals within the specified transmission parameters of the local channel.

7.1.2 Regulations

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

A. Availability of T45 Services

T45 Services are available from the designated CNT central offices, and may not be available in every LATA.

7.1.3 Minimum Payment Period

The minimum payment period for all T45 Interoffice and Local Channel Service components is one month.

7.1.4 Notice of Discontinuance

Except for services provided under a fixed term plan, the Notice of Discontinuance for all T45 Service components is one month. Recurring charges will apply for a period of one month from the date CNT receives the discontinuance notice or until the requested discontinuance date, whichever period is longer. These charges will apply during this period whether or not the customer continues to use the service.

7.1.5 Cancellation Charge

As specified within this tariff preceding the cancellation charge for T45 Mbps Local Channel Service 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.

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7. T45 SERVICES-INTEROFFICE & LOCAL CHANNEL

7.2 Service Components and Rates

The components of an T45 Service are Interoffice Channels, Office Connections, and Office Functions.

7.2.1 Interoffice Channel (IOC)

A T45 Interoffice Channel is a channel between two designated CNT central offices, points of connection, or a combination thereof, on digital fiber optic network or on terrestrial digital facilities at the discretion of the customer when fiber optic facilities are not available. The IOC monthly recurring charge comprises two elements. A fixed element applies per channel and a mileage element applies per airline mile of the IOC.

Refer to Price List.

7.2.2 Office Connections

A. Access Connection

An Access Connection provides the function, at a designated CNT central office, of connecting Local Channels, other access, or a CNT enhanced service to an IOC, office function, another Local Channel, other access, a CNT enhanced service or a CNT service as specified within this tariff. One access connection applies for each Local Channel, other access or CNT enhanced service connected.

Refer to Price List.

B. Function Connection

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

Refer to Price List.

7.2.3 Channel Options

Channel options are features added to a channel to change or augment its transmission characteristics.

CNT Enhanced Diversity Routing

Under this option, two or more T45 IOCs are furnished entirely over physically and electrically separated transmission paths, such that a failure at one geographic location will not cause the loss of both paths. The CNT Enhanced Diversity Routing (CEDR) is offered where separate facilities are available, subject to routing or performance constraints resulting from the diverse routing and made known to the customer prior to ordering. If complete CEDR is not available

when ordered, or if it becomes unavailable at a later date due to network rearrangements, CEDR may be furnished on a partial basis only at the customer's request. The customer will be advised before partial CEDR is provided and may cancel or discontinue the CEDR option if the partial CEDR is not acceptable. No cancellation charge will apply if the facilities are not available or the customer does not accept the partial CEDR. When CEDR is ordered, an installation charge and a monthly charge apply for each IOC in an IOC relationship pair on which CEDR is provided, i.e., IOC No. 1 is diverse from IOC No. 2. Refer to Price List.

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7. T45 SERVICES-INTEROFFICE & LOCAL CHANNEL

7.2 Service Components and Rates (Cont'd)

7.2.4 Local Channels

The rates for the local channel component of a T45 Mbps Local Channel Service are established on an individual case basis and are as specified in the Price List.

7.2.5 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 for Access Coordination Functions are established on an individual case basis , as specified in the Price List.

7.2.6 Special Access Surcharge

In addition to the rates set forth within this tariff, a Special Access Surcharge applies to each voice grade equivalent channel, derived from a T45 Mbps Local Channel Service which is terminated at a PBX or equivalent device capable of interconnecting the derived channel with the local exchange network. The rates are established on an individual case basis , as specified in the Price List.

7.2.7 Customer Access Selection Charge (CASC)

When a Customer orders a Terrestrial 45 Mbps Local Channel Service and requests an access provider other than the one selected by CNT, and CNT provisions the local channel service with the access provider requested by the Customer, a monthly recurring CASC applies in addition to the price of the local channel service. The monthly recurring CASC does not count toward revenue commitments and is not eligible for discounts.

Refer to Price List.

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8. Asynchronous Transfer Mode

8.1 General

Asynchronous Transfer Mode (ATM) is a fast-packet based switching and transport technology that can support data applications over a single physical access link. This high-speed service utilizes digital access facilities and high performance ATM switches to allow for the efficient transfer of data between various customer locations.

8.1.1 Description

Asynchronous Transfer Mode is a dedicated-connection switching technology that organizes digital data into 53-byte cell units and transmits them over a physical medium using digital signal technology. Individually, a cell is processed asynchronously relative to other related cells and is queued before being multiplexed over the transmission path.

8.1.2 Regulations

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

- A. Availability – These Services are available from designated CNT central offices, and may not be available in every LATA.

8.1.3 Minimum Payment Period

The minimum payment period for all ATM components shall be 12 months.

8.1.4 Notice of Discontinuance

The Notice of Discontinuance for ATM is one month. Recurring charges will apply for a period of one month from the date CNT receives the discontinuance notice or until the requested discontinuance date, whichever period is longer. These charges apply during this period whether or not the Customer continues to use the service.

8.1.5 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.

8.2 Service Components and Rates

8.2.1 Interoffice Channel

An Interoffice Channel is a channel between two designated CNT central offices, points of connection, or a combination thereof. Rates are as specified in the Price List

8.2.2 Local Channel

A Local Channel is a channel between a designated CNT central office to a customer's premises. Rates are as specified in the Price List

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12. SONET SERVICES-INTEROFFICE & LOCAL CHANNEL

12.1 General

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

12.1.1. Description

These CNT Private Line Interoffice and LocalChannel 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.

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.

12.1.2. Regulations

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

A. Availability - These Services are available from designated CNT central offices, and may not be available in every LATA.

B. Connection to Other Services

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

12.1.3. Notice of Discontinuance

The Notice of Discontinuance 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 discontinuance notice or until the requested discontinuance date, whichever period is longer. These charges will apply during this period whether or not the Customer continues to use the service.

12.1.4 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.

12.1.5. 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.

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12. SONET SERVICES-INTEROFFICE & LOCAL CHANNEL

12.2. Service Components and Rates

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

12.2.1. Interoffice Channel

An Interoffice Channel is a channel between two designated CNT central offices, points of connection, or a combination thereof. Rates are as specified in the Price List.

- A. Termination Charge - A termination charge will apply if the customer terminates service prior to the end of the term specified.

12.2.2. 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. Rates are as specified in the 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 a CNT service as specified within this tariff. Rates are as specified in the Price List.

12.2.3. Office Functions

SONET Multiplexing

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

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12. SONET SERVICES-INTEROFFICE & LOCAL CHANNEL

12.2. Service Components and Rates (Cont'd)

12.2.4 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.

12.2.5 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.

12.2.6 Special Access Surcharge

(See Voice Grade Local Channel Services Section).

12.2.7 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.

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12. SONET SERVICES-INTEROFFICE & LOCAL CHANNEL

12.2. Service Components and Rates (Cont'd)

12.2.8 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.

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14. CNT Regional Frame Relay Service

14.1 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.

14.1.1 Description

RFRS is offered within the State of Arizona, where facilities and billing capabilities permit. 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.

14.1.2 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), for transmission through FRS.

B. Notice of Discontinuance

The Notice of Discontinuance 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 Discontinuance or until the requested discontinuance date, whichever is later.

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

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14. CNT Regional Frame Relay Service

14.1.2 Regulations (Cont'd)

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 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.

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.

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.
3. 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.

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14. CNT Regional Frame Relay Service

14.1 General—(Cont'd)

14.1.2 Regulations (Cont'd)

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.

I. Minimum Payment Period

There is no minimum payment period for RFRS.

14.1.3 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.

14.1.4 Availability

Regional FRS is available at CNT Central Offices within those LATAs which provide T1.5 Service or CIDSS.

14.1.5 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 Arizona. 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 an 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 Arizona via an InterLATA PVC.

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14. CNT Regional Frame Relay Service

14.1.5 Regional FRS Components and Rates (Cont'd)

B. Regional Access Port Change Charges

1. 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.
2. 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 discontinuance and re-installation of the Regional Access Ports involved. Discontinuance 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.

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.

14.1.6 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.

B. Regional PVC CIR Change Charge

1. 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.
2. A change of the physical location of the Customer's premises that requires a change to an existing Regional Access Port connection, requires discontinuance and re-installation of the Regional PVCs involved.

Discontinuance 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.

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15. MISCELLANEOUS EQUIPMENT AND ARRANGEMENTS

15.1 General

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

15.1.1 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.

15.2 Interoffice Services-Multiservice Office Functions

15.2.1 1 X N Control Arrangement

This arrangement enables the customer to control up to 48 switching or transfer functions (e.g., switching or transfer arrangements to connect Voice Grade Services), at a designated CNT central office via a remote keyboard terminal capable of either 300 or 1200 bps operation.

The Control Arrangement must be located in the same CNT central office as the switching or transfer functions which it controls.

Access to the 1 X N Control Arrangement requires an appropriate channel.

Refer to Price List.

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16. ADDITIONAL ADMINISTRATIVE AND OPERATIONAL FUNCTIONS

16.1 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.

16.2 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.

16.2.1 Review of Test Results-IOC

The rates for Review of Test Results for an Interoffice Channel are as specified in the Price List.

16.2.2 Review of Test Results-Local Channel

Rates for Review of Test Results for local channels are as specified in the Price List.

16.2.3 Special Participative Design Review, Technical Analysis and Testing.

Refer to Price List.

16.2.4 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

Refer to Price List.

B. Bill Testing-Per IOC Service

Refer to Price List.

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16. ADDITIONAL ADMINISTRATIVE AND OPERATIONAL FUNCTIONS

16.3 Additional Installation/Maintenance Functions

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

16.3.1 Overtime Installation

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

16.3.2 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.

16.3.3 Rates are as specified in the Price List.

16.4 Additional Engineering Functions

16.4.1 Additional Engineering of Interoffice Services charges are as specified in the Price List.

16.4.2 Refer to Price List for Additional Engineering – Local Channel rates.

16.5 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).

Refer to Price List.

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 an CNT-provided private line service.

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16. ADDITIONAL ADMINISTRATIVE AND OPERATIONAL FUNCTIONS

16.6 Telecommunications Service Priority (TSP)

16.6.1 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, as specified in the Price List.
- B. When an order for TSP restoration priority is received, a charge applies, as specified in the Price List.
- C. When an order for a TSP restoration priority level change is received, a charge applies, as specified in the Price List.
- D. When a priority service is discontinued, no charge will apply.

16.6.2 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 as specified in the Price List applies per local channel.
- B. When an order for TSP restoration priority is received, a charge as specified in the Price List applies per local channel.
- C. When an order for a TSP restoration priority level change is received, a charge as specified in the Price List applies per local channel.
- D. When a priority service is discontinued, no charge will apply.

16.7 Design Change Charge

A design Change Charge, as specified in the Price List, applies each time a Customer requests a change of an order that results in a change in the design, operation or function of the private line service ordered. The Design Change Charge applies when a change in an order occurs after installation has started but prior to the due date.

16.8 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.

16.9 Due Date Change Charge

A due Date Change Charge, as specified in the Price List, applies each time the Customer orders the due date for a local channel service or component be changed.

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17. RESERVED FOR FUTURE USE

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6. T1.5 SERVICES-INTEROFFICE & LOCAL CHANNEL

INTEROFFICE CHANNEL:

Cancellation Charge

Cancellation Charge Schedule - T1.5

COMPONENT	APP	SID	DLRD	RID	WOT	CTA	DD
INTEROFFICE CHANNEL (IOC)	\$0	\$80.82	\$91.60	\$123.92	\$290.98	\$538.81	\$538.81
OFFICE CONNECTION (OC)	\$0	\$53.95	\$61.15	\$82.73	\$194.24	\$359.70	\$359.70

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.

Interoffice Channel (IOC)

A. Monthly Rates

FIXED	PER MILE
ICB	ICB

Office Connections

A. Access Connection

	<u>MONTHLY CHARGE</u>	<u>INSTALLATION CHARGE</u>
Per connection	ICB	ICB

B. Function Connection

	<u>INSTALLATION CHARGE</u>
Per connection	ICB

Channel Options

A. Enhanced Diversity Routing

	<u>MONTHLY</u>	<u>INSTALLATION CHARGE</u>
Per each IOC in each Relationship pair	ICB	ICB

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6. T1.5 SERVICES-INTEROFFICE & LOCAL CHANNEL

Access Coordination Function

	<u>MONTHLY</u> <u>CHARGE</u>	<u>INSTALLATION</u> <u>CHARGE</u>
Per Function	ICB	ICB

Special Access Surcharge

Per equivalent local channel termination

	<u>MONTHLY</u>
Where applicable, each	\$28.88
Where not applicable, each	N/A

Customer Access Selection Charge (CASC)

	<u>MONTHLY CHARGE</u>
Customer Access Selection Charge	\$137.50

Special Routing

	<u>MONTHLY CHARGE</u>
Diversity	ICB

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7. T45 SERVICES-INTEROFFICE & LOCAL CHANNEL

Interoffice Channel (IOC)

FIXED PER MILE
ICB ICB

Office Connections

A. Access Connection

	<u>MONTHLY CHARGES</u>	<u>INSTALLATION CHARGE</u>
Per connection	ICB	ICB

B. Function Connection

	<u>INSTALLATION CHARGE</u>
Per connection	ICB

Channel Options

A. Enhanced Diversity Routing

	<u>MONTHLY CHARGES</u>	<u>INSTALLATION CHARGE</u>
Per each IOC in each Relationship Pair	ICB	ICB

Office Functions

A. Network Protection Capability (NPC)

	<u>MONTHLY CHARGE</u>	<u>INSTALLATION CHARGE</u>
Per IOC	ICB	ICB

B. Switch Port

	<u>MONTHLY CHARGE</u>	<u>INSTALLATION CHARGE</u>
Per DS3 Switch Port	ICB	ICB

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7. T45 SERVICES-INTEROFFICE & LOCAL CHANNEL

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

<u>MONTHLY</u>		
<u>FIXED</u>	<u>PER MILE</u>	<u>NONRECURRING</u>
ICB	ICB	ICB

Access Coordination Function (ACF)

	<u>Monthly Rate</u>	<u>Installation Charge</u>
	ICB	ICB
Per Access Coordination Function		

Special Access Surcharge

	<u>Monthly</u>
	ICB
where applicable, per Customer termination each	

Customer Access Selection Charge (CASC)

	<u>MONTHLY CHARGE</u>
	ICB
Customer Access Selection Charge CASSS	

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8. ASYNCHRONOUS TRANSFER MODE

Interoffice Channel

<u>Monthly Charge</u>	<u>Installation Charge</u>
ICB	ICB

Local Channels

<u>Monthly Charge</u>	<u>Installation Charge</u>
ICB	ICB

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12. SONET SERVICES-INTEROFFICE & LOCAL CHANNEL

Interoffice Channel -

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

Office Connections -

A. Access Connection-

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

B. Function Connection

-

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

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12. SONET SERVICES-INTEROFFICE & LOCAL CHANNEL

Office Functions

SONET Multiplexing

	<u>MONTHLY CHARGE</u>
- per SONET Multiplexing office function	ICB

Channel Activation Option -

	<u>SPEED</u>	<u>MONTHLY CHARGE</u>	<u>INSTALLATION CHARGE</u>
- per activated port	DS1	ICB	ICB
	DS3	ICB	ICB
	OC3	ICB	ICB
	OC12	ICB	ICB
	OC48	ICB	ICB
	OC192	ICB	ICB

	<u>SPEED</u>	<u>INSTALLATION CHARGE</u>
- Reconfiguration Charge per Activated port	DS1	ICB
	DS3	ICB
	OC3	ICB
	OC12	ICB
	OC48	ICB
	OC192	ICB

(These rates are billed in 15 minute increments.)

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12. SONET SERVICES-INTEROFFICE & LOCAL CHANNEL

Local Channels (LC)

	<u>Monthly Charge</u>	<u>Installation Charge</u>
per OC3	ICB	ICB
per OC12	ICB	ICB
per OC48	ICB	ICB
per OC192	ICB	ICB

Access Coordination Function (ACF)

	<u>Monthly Charge</u>	<u>Installation Charge</u>
per OC3	ICB	ICB
per OC12	ICB	ICB
Per OC48	ICB	ICB
Per OC192	ICB	ICB

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14. CNT Regional Frame Relay Service

Cancellation of an Order

	<u>CANCELLATION CHARGE</u>
- per canceled Regional Access Port	ICB
- per canceled Regional PVC	ICB

Delay of Due Date by the Customer

	<u>DUE DATE CHANGE CHARGE</u>
- per delayed Regional Access Port	ICB
- per delayed Regional PVC	ICB

Expedite of an Order

	<u>NONRECURRING CHARGE</u>
- per expedited Regional Access Port	ICB

Regional Access Port Change Charges

	<u>PORT CHANGE CHARGE</u>
- per port speed change or port type change	ICB

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14. CNT Regional Frame Relay Service

Regional Access Charges

Regional Access Port Charges Table

<u>Regional Access Port Speed Kbps</u>	<u>Regional Access Port Monthly Charge</u>	<u>Port Interconnection Monthly Charge</u>	<u>Regional Access Port Installation Charge</u>
56	ICB	ICB	ICB
64	ICB	ICB	ICB
128	ICB	ICB	ICB
256	ICB	ICB	ICB
384	ICB	ICB	ICB
512	ICB	ICB	ICB
768	ICB	ICB	ICB
1544	ICB	ICB	ICB

Regional PVC CIR Change Charge

	<u>Regional PVC Change Charge</u>
- per Regional PVC CIR Change	ICB

Regional PVC Installation Charges

Installation Charges apply for the installation of each Regional PVC.

	<u>INSTALLATION CHARGE</u>
- per Regional PVC	ICB

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14. 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 Monthly Charge
4	ICB
8	ICB
16	ICB
32	ICB
48	ICB
56	ICB
64	ICB
128	ICB
192	ICB
256	ICB
384	ICB
512	ICB
768	ICB
896	ICB
1024	ICB
1536	ICB

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15. MISCELLANEOUS EQUIPMENT AND ARRANGEMENTS

Interoffice Services-Multiservice Office Functions

1 X N Control Arrangement

	<u>MONTHLY CHARGE</u>	<u>INSTALLATION CHARGE</u>
Per Arrangement	\$161.70	\$0.00

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16. ADDITIONAL ADMINISTRATIVE AND OPERATIONAL FUNCTIONS

Testing Functions

A. Review of Test Results-IOC

	<u>CHARGE</u>
Per person, first half hour or fraction thereof	\$111.10
Per person, each additional half hour or fraction thereof	\$60.50

B. Review of Test Results-Local Channel

	<u>CHARGE</u>
Per person, first half hour or fraction thereof	\$101.48
Per person, each additional half hour or fraction thereof	\$55.50

C. Special Participative Design Review, Technical Analysis and Testing

1. Interoffice Channel

	<u>CHARGE</u>
Per Person	
1st half hour or fraction	\$110.10
Each additional half hour or fraction	\$60.50

2. Local Channel

	<u>CHARGE</u>
Per Person	
1st half hour or fraction	\$101.48
Each additional half hour or fraction	\$55.50

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16. ADDITIONAL ADMINISTRATIVE AND OPERATIONAL FUNCTIONS

Testing Functions (Cont'd)

D. Customer Directed Participative Testing

1. InterOffice Channel

	<u>CHARGE</u>
Per person per half hour or fraction thereof for IOC testing	\$35.20

Per Service

For each bill rendered	\$50.05
------------------------	---------

For each service in an assembly which has been tested and designated by the customer to be included in a given bill	\$12.10
---	---------

2. Local Channel

	<u>CHARGE</u>
Per person per half hour or fraction thereof	\$32.29

Per IOC Service

For each bill rendered	\$46.00
------------------------	---------

For each service in an assembly which has been tested and designated by the customer to be included in a given bill	\$11.00
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16. ADDITIONAL ADMINISTRATIVE AND OPERATIONAL FUNCTIONS

Additional Installation/Maintenance Functions

A. Overtime Installation of Interoffice Services/Standby at Central Office

	<u>CHARGE</u>
During normal working hours, per person	
First half hour or fraction thereof	\$85.25
Each additional half hour or fraction	\$35.20
Outside of normal working hours, per person	
First half hour or fraction thereof	\$90.20
Each additional half hour or fraction	\$40.15

B. Overtime Installation of Local Channel Services / Standby at Customer Premises

	<u>CHARGE</u>
During normal working hours, per person	
First half hour or fraction thereof	\$32.34
Each additional half hour or fraction	\$19.63
Outside of normal working hours, per person	
First half hour or fraction thereof	\$41.58
Each additional half hour or fraction	\$28.87

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16. ADDITIONAL ADMINISTRATIVE AND OPERATIONAL FUNCTIONS

A. Additional Engineering Functions-Interoffice

	<u>CHARGE</u>
During normal working hours, per person	
First half hour or fraction	\$91.30
Each additional half hour or fraction	\$41.53
Outside of normal working hours, per person	
First half hour or fraction	\$95.70
Each additional half hour or fraction	\$45.65

B. Additional Engineering Functions-Local Channel

	<u>CHARGE</u>
During normal working hours, per person	
First half hour or fraction	\$47.35
Each additional half hour or fraction	\$34.65
Outside of normal working hours, per person	
First half hour or fraction	\$53.13
Each additional half hour or fraction	\$40.42

C. Maintenance of Service Charge

	<u>CHARGE</u>
Per Visit	\$127.33

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16. ADDITIONAL ADMINISTRATIVE AND OPERATIONAL FUNCTIONS

Telecommunications Service Priority (TSP)

A. Interoffice Channels

1. When an order for a TSP provisioning priority is received, the following charge applies per service.

NONRECURRING
CHARGE
\$440.00

2. When an order for TSP restoration priority is received, the following charges apply per service.

MONTHLY	NONRECURRING
<u>CHARGE</u>	<u>CHARGE</u>
\$9.90	\$258.50

3. When an order for a TSP restoration priority level change is received, the following charge applies per service.

NONRECURRING CHARGE
\$38.50

B. Local Channel

1. When an order for a TSP provisioning priority is received, the following charge applies per service.

NONRECURRING CHARGE
\$154.00

2. When an order for TSP restoration priority is received, the following charges apply per service.

<u>MONTHLY CHARGE</u>	<u>NONRECURRING CHARGE</u>
\$1.76	\$154.00

3. When an order for a TSP restoration priority level change is received, the following charge applies per service.

NONRECURRING CHARGE
\$5.50

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16. ADDITIONAL ADMINISTRATIVE AND OPERATIONAL FUNCTIONS

Provision of a Design Layout Report – InterOffice Channel

A. Design Layout Report Charge

	<u>CHARGE</u>
Per IOC service	\$30.80

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

	<u>CHARGE</u>
IOC DLR Administrative Charge	\$107.53

Provision of a Design Layout Report – Local Channel

A. Design Layout Report Charge

	<u>CHARGE</u>
Per local channel service	\$8.08

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

	<u>CHARGE</u>
Local Channel DLR Administrative Charge	\$98.84

Design Change Charge

	<u>CHARGE</u>
Per design change per IOC	\$140.80
Per design change per local channel	\$53.13

Due Date Change Charge

	<u>CHARGE</u>
Per Local Channel, Per Change	\$10.39

Expedite Charge (Advance of a Due Date)

	<u>CHARGE</u>
Per Local Channel, Per Change	
Terrestrial 1.544 Mbps	\$2216.50
Terrestrial 45 Mbps	2667.50
Voice Grade Service	451.00

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