

# Kentucky Data Link

P.S.C. NO 1  
ORIGINAL COVER SHEET

KENTUCKY DATA LINK

611 Broadway  
Paducah, Kentucky 42001

Rates, Rules and Regulations for Furnishing  
Private Line TeleCommunication Services  
in the  
Commonwealth of Kentucky

FILED WITH PUBLIC SERVICE COMMISSION  
OF KENTUCKY

Issued: January 21, 1993      Effective:

Issued by: KENTUCKY DATA LINK

By: Herb Schmidt  
HERB SCHMIDT, NETWORK MANAGER

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SECTION 9 (1)

BY: Sharon Helle  
PUBLIC SERVICE COMMISSION MANAGER

RULES AND REGULATIONS

1.1 APPLICATIONS

1.1.1 GENERAL

A. This tariff contains the regulations and rates applicable to :

- Interoffice private line services furnished between and within Kentucky Data Link (KDL) Point(s) of Presence (POP) in the State of Kentucky for intrastate communications,
- Private Line Local Channel Services which connect customer premises to KDL POP for use with interoffice channels provided under this tariff,
- Access coordination function(s) on Local Channels provided by the customer which are equivalent of those offered herein.

Private line services are provided by Kentucky Data Link Inc.( herein referred to as "KDL" 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 Kentucky State Public Service Commission) or as Interstate ( subject to the jurisdiction of the Federal Communications Commission)

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## 2.1 UNDERTAKING OF KDL

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

Private line services are provided on a monthly basis.

KDL is responsible for end-to-end service between a customer's 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.

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

- 2.1.2 Transmission Medium - KDL selects and/or arranges for the facilities and/or equipment used to provide a private line service. KDL may modify or change the facilities and/or equipment at any time subject to the regulations in 2.3.2 following. 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 - KDL fully supports the private line services provided under this Tariff through engineering, installation, and maintenance efforts. KDL will ensure that each private line service functions properly within its specified transmission, signaling, or switching parameters.

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RULES AND REGULATIONS

2.1 UNDERTAKING OF KDL (Cont'd)

2.1.3 Provision of Private Line Services (Cont'd)

- 1. Engineering - KDL will engineer a private line service to meet transmission parameters and/or equipment specifications.
- 2. Installation - KDL 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 KDL'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. Where available through the LEC, wire required within a building to extend the point of local channel termination will be provided, at the customer's request, at rates for such installation which are the same as those listed in the appropriate section of the related LEC's tariff from which access is obtained.

- 3. Maintenance - KDL 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 KDL POP will be made from that office.

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## 2.1 UNDERTAKING OF KDL (Cont'd)

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 KDL-provided private line service.

2.1.4 Through Transmission of Signals - KDL 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. If a shortage of these components exists, the installation of those required to furnish KPLN Service (Kentucky Private Line Network) will take precedence.

KDL 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.

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## RULES AND REGULATIONS

## 2.1 UNDERTAKING OF KDL (Cont'd)

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 KDL 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 KDL. 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.
- C. Hazardous Locations - Service will not be furnished at a location that KDL considers hazardous (e.g. explosive atmosphere environments). In such cases, KDL, if so requested, may terminate the facilities at a mutually agreeable alternate location. The customer will then be responsible for extension to the hazardous location.
- D. Services offered under this Tariff will be provided only if billing capabilities for the services exist.

2.1.6 Transfer or Assignment - A private line service may be transferred or assigned to a new customer, provided that:

- A. The customer of record (former customer) requests in writing that KDL transfer or assign the private line service to the new customer.

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## 2.1 UNDERTAKING OF KDL (Cont'd)

- B. The new customer notifies KDL in writing that it agrees to assume all obligations of the former customer at the time of transfer or assignment. These obligations include: (1) all outstanding indebtedness for the private line service, (2) the unexpired portion of any applicable minimum payment period(s), and (3) any applicable termination liability(ies).
- C. The private line service is not interrupted or relocated at the time the transfer or assignment is made.
- D. KDL acknowledges the transfer or assignment in writing. The acknowledgment will be made within 15 days of receipt of notification.

The transfer or assignment does not relieve or discharge the former customer from remaining jointly and severally liable with the new customer for any obligations existing at the time of transfer or assignment. These obligations include: (1) all outstanding indebtedness for the private line service, (2) the unexpired portion of any applicable minimum payment period(s), and (3) any applicable termination liability(ies).

## 2.2 USE

- 2.2.1 General - A private line service may be used for any purpose permitted by law.
- 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 KDL. However, the customer shall not represent that KDL jointly participates with the customer in the provision of its services.

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## RULES AND REGULATIONS

## 2.2 USE (Cont'd)

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 KDL to others. In addition, it must not endanger the safety of installation/maintenance personnel or the public; damage or interfere with the functioning of KDL equipment or service; or otherwise injure the public in its use of these offerings.

## 2.3 RESPONSIBILITIES OF KDL

## 2.3.1 Liability

- A. KDL'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 H. following, KDL'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. KDL is not liable for damages associated with service, channels, or equipment which it does not furnish.
- C. KDL is not liable for any act or omission of any other carrier providing a portion of a private line service, nor shall KDL for its own act or omission hold liable any other carrier providing a portion of a private line service.
- D. KDL 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 KDL's negligence.
- E. KDL 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:

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2.3 RESPONSIBILITIES OF KDL (Cont'd)

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 KDL 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.

2.3.1 Liability (Cont'd)

- F. No license under patents (other than the limited license to use) is granted by KDL or shall be implied or arise by estoppel, with respect to any private line service offered under this Tariff. KDL 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. KDL'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 KDL's reasonable control, subject to the provisions for Credit Allowances for Interruptions in this Tariff.
- H. KDL does not guarantee or make any warranty with respect to its local channel services when used in an explosive atmosphere. KDL 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.

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## 2.3 RESPONSIBILITIES OF KDL (Cont'd)

2.3.2 Changes in Minimum Protection Criteria, Facilities, or Procedures: KDL 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 KDL Service, or render any customer equipment or customer-provided communications system incompatible, KDL will provide adequate notice, in writing, to allow the customer an opportunity to maintain uninterrupted service.

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 KDL will begin service on the same date, unless otherwise specified by the customer.

2.3.4 Registration Information - KDL 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. The customer may appoint an agent to act on its behalf, as specified in B. following.

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RESPONSIBILITIES OF THE CUSTOMER (Cont'd)

1. Information the Customer Must Provide - When a customer places an order for service, the following information must be provided by the customer so that KDL can design, install, maintain, and bill the KDL service ordered:
  - The category of interoffice and local channel private line service, interface, and signaling (if required).
  - The KDL POP 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 premise 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 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 set forth in 2.5.11, following, does not apply.

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## 2.4 RESPONSIBILITIES OF THE CUSTOMER (Cont'd)

## 2.4.1 General (Cont'd)

- B. Agency Agreement - KDL will accept orders from an agent appointed by the customer. An agency appointment must be sent to KDL in writing. If directed by the customer, the bill for the private line service will be sent to the agent and issued in the name of the customer, in care of the agent.

The customer retains responsibility for compliance with Tariff regulations and any act or omission of the agent, regardless of any limitations the customer may place on the agent's authority.

When the customer elects to order solely the access coordination function from KDL, the customer must give KDL written authorization to act on its behalf and is responsible for the access charges incurred.

- C. 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 premise without charge to KDL. 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 KDL.
- D. 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 KDL.

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2.4 RESPONSIBILITIES OF THE CUSTOMER (Cont'd)

2.4.1 General (Cont'd)

E. 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 KDL.

F. Availability for Maintenance, Testing, or Modifications - The customer must make 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.

G. Damage to a Private Line Service - The customer must pay KDL 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, KDL will cooperate with the customer in its claim against any third party for damage.

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2.4 RESPONSIBILITIES OF THE CUSTOMER (Cont'd)

2.4.1 General (Cont'd)

- H. 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.
- I. Loss - The customer must pay for the loss through theft of any local channel service equipment installed at a customer's premises.
- J. 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 KDL and the provider of the system or service. Connections will be made in accordance with the regulations set forth in 2.7 following.

2.5 PAYMENTS AND CHARGES

2.5.1 General - The charge for 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 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.

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## RULES AND REGULATIONS

## 2.5 PAYMENTS AND CHARGES (Cont'd)

- 2.5.3 Payment of Charges - Payment is due upon presentation of a bill for the service furnished. A service may be discontinued for nonpayment of a bill.

An administrative charge of \$6.00 will be applied by KDL each time a check or bank draft is returned by a bank to KDL for the reason of insufficient funds.

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

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## 2.5 PAYMENTS AND CHARGES (Cont'd)

## 2.5.5 Advance Payments and Deposits

- A. Advance Payment - An advance payment may be required before a service is provided when a customer has a history of late payments to KDL 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.
- B. Deposits - To safeguard its interests, KDL may require a customer with a history of late payments to KDL 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 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.

1. Interest on a Cash Deposit - Simple interest at the rate of 6% per annum shall be credited or paid to the customer while the deposit is held by KDL.
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 KDL for one year, or when the service for which the deposit had been required is discontinued.

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2.5 PAYMENTS AND CHARGES (Cont'd)

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 services are listed in the applicable service section as:

1. Monthly Charge - A monthly charge applies each month or fraction thereof that service is furnished. Monthly charges start on the day after the 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 service is discontinued. Monthly charges will be billed in advance. When the billing date and the date that the service is started, changed or discontinued do not coincide, the charges will be adjusted to reflect the fractional part of the month involved. 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 service is furnished. Installation charges are listed in the appropriate sections of this Tariff. Installation charges may be further categorized as follows:

(a) "First" denotes an installation charge for the first service of a group of identical services ordered at the same time and installed at the same time for the same customer and between the same customer locations.

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2.5 PAYMENTS AND CHARGES (Cont'd)

2.5.6 Type of Charges (Cont'd)

(b) "Additional" denotes an installation charge for each additional service - excluding the first - ordered at the same time and installed at the same time for the same customer and between the same customer locations.

B. Nonrecurring Charges (Cont'd)

(c) "Initial" denotes an installation charge for options installed at the same time as the primary service with which they are associated.

(d) "Subsequent" denotes an installation charge associated with an option added to an existing service.

2. Move Charge - A move charge applies when the physical location of the termination of an interoffice channel or of a central 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 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.

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2.5.6 Type of Charges (Cont'd)

(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 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. Nonrecurring Charges (Cont'd)

(b) Moves to a Different Building - When a local channel service is moved to a different building (or to a different KDL POP) 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 KDL POP is not made at the customer's request, but is required as a result of KDL's rearrangement of its network, move charges do not apply.

3. Termination Charge - A termination charge applies when a customer orders the discontinuance of 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. The termination charge is determined by multiplying the dollar amount by the ratio of the unexpired portion of the specified period of time. A description and example of the process for determining termination charges follows.

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2.5 PAYMENTS AND CHARGES (Cont'd)

2.5.6 Types of Charges (Cont'd)

3. Termination Charge (Cont'd)

- (a) Identify the number of months in the specified period.
- (b) Identify the number of months that the service has been furnished, including fractions of months.
- (c) Identify the number of months that the service has been furnished from the number of months in the specified period to obtain the unexpired portion of the specified period (a-b).
- (d) Divide the unexpired portion of the specified period by the specified period to obtain the charge ratio to be used (c divided by a).
- (e) Multiply the dollar amount by the charge ratio to obtain the charge to be made (termination charge amount x d).

Example:

Dollar Amount = \$60,000  
 Specified Period = 60 months  
 Time Furnished = 40 months

Step 1:  $\frac{\text{Unexpired Portion of Specified Period}}{\text{Specified Period} - \text{Time Furnished}}$

$60 - 40 = 20$

Step 2:  $\frac{\text{Unexpired Portion of Specified Period}}{\text{Specified Period}}$

$20 \text{ divided by } 60 = 1/3$

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RULES AND REGULATIONS

2.5.6 Types of Charges (Cont'd)

3. Termination Charge (Cont'd)

Step 3: Charge to be Made = \$ Amount x Charge Ratio

\$60,000 x 1/3 = \$20,000

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 service components.

Change of a Due Date - When an order for 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 service when:

- Section 2.5.7.B is not applicable and the request for the delay is received by KDL 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 service may be delayed at any time prior to the due date. There will be no maximum delay period for these orders.

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2.5 PAYMENTS AND CHARGES (Cont'd)

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

- 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 service ordered, or (2) cancel the order and pay the applicable cancellation charge for the 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 KDL that the installation can be completed.

- B. Delay of a Due Date by KDL - KDL 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 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 charge 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 KDL 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.
- D. Cancellation of an Order - A cancellation schedule is established by KDL for each service order placed by a customer.

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RULES AND REGULATIONS

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)

- 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.

E. Cancellation Involving Special Construction - If a customer cancels an order that involves special construction, the applicable charges for the special construction, described in 2.1.5, apply, in addition to the cancellation charges, herein described.

F. Change of an Order - When a customer changes the central 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. A change in the order which results in 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 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) cancelling those components and paying the applicable cancellation charge.

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RULES AND 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). 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) cancelling those locations and paying the applicable cancellation charge.

A customer's order for modification of service after the service date is considered to be a change in service arrangement, as specified in 2.5.8 following.

2.5.8 Change in Service Arrangement - When a customer requests that 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.

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2.5 PAYMENTS AND CHARGES (Cont'd)

2.5.8 Change in Service Arrangement (Cont'd)

- 2. A change in the central 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 a service, excluding those changes identified in B. following, the installation charge for the component involved applies.
- 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.

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2.5 PAYMENTS AND CHARGES (Cont'd)

2.5.8 Change in Service Arrangement (Cont'd)

- (e) A change from one access vendor to another access vendor when KDL provides only the Access Coordination Function.
- 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.
- 8. When the type of signaling on a KPLN (Kentucky Private Line Network) Voice Grade Local Channel Service is changed, a charge equal to the installation charge for the local channel or bridged channel(s) involved will apply. In addition, a charge equal to the installation charge for a voice grade access coordination function will also apply.

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3.0 KDL KENTUCKY PRIVATE LINE NETWORK SERVICE (KPLN)

3.1 VOICE GRADE INTEROFFICE SERVICES

3.1.1 DESCRIPTION - VOICE GRADE SERVICE is a service suitable for the transmission of analog signals within a frequency bandwidth of approximately 300 to 3000 Hz. This service is configured by combining components to connect two or more KDL POP(s) or by furnishing office functions. KDL point(s) of presence(s) may be within the same lata or may be located in different latas. Interoffice VOICE GRADE SERVICES may be point-to-point or multipoint.

3.1.2 REGULATIONS - In addition to the regulations in Section 1.0, preceding, the following apply:

- A. Availability of an Interoffice Voice Grade Service - Interoffice Voice Grade Services are available from all KDL POP's.
- B. Credit Allowances for Interruptions - For Interoffice Voice Grade Service to be considered interrupted one of the following must hold true:
  - There has been a loss of continuity, or
  - Transmission is unsatisfactory and the service does not meet its specified transmission parameters.

3.1.3 Minimum Payment Period - The minimum payment period for Interoffice Voice Grade Service components is 30 calendar days.

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3.1 VOICE GRADE INTEROFFICE SERVICES (Cont'd)

3.1.4 Notice of Discontinuance - The Notice of Discontinuance for Interoffice Voice Grade Service components is 15 calendar days. Recurring charges apply for a period of 15 calendar days from the date KDL 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.

3.1.5 Cancellation Change - A cancellation change will apply for service orders canceled by the customer on or before the mutually agreed upon due date.

Cancellation Charge - Interoffice Voice Grade

COMPONENT

-----	
INTEROFFICE CHANNEL	\$ 150
CENTRAL OFFICE CONNECTION	\$ 100

3.1.6 SERVICE COMPONENTS AND RATES - The components of an Interoffice Voice Grade Service are:

3.1.7 Interoffice Channel- An interoffice channel is a channel between two KDL POP's.

A. Rates- The monthly charge is mileage sensitive and includes two rates. A "fixed" rate always applies, and a mileage rate applies to each airline mile.

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RATES

3.1.7 Interoffice Channel (Cont'd)

VOICE GRADE INTEROFFICE CHANNEL RATES

Mileage Band	Monthly Fixed	Monthly Per Mile
ALL	\$ 41.40	\$ 0.90

3.1.8 Central Office Connection - A central office connection provides the function, at a KDL POP, of interconnecting interoffice channels, office functions, local channels, or other KDL service offerings.

RATES

CENTRAL OFFICE CONNECTION RATES

	Monthly	Installation
-Per Central Office Connection	\$ 14.80	\$ 74.50

3.1.9 Channel Options - Channel options are features added to a channel to change or augment its transmission characteristics. The channel options available on voice grade Interoffice Channels are as follows:

1. Signaling
2. Conditioning
3. Special Routing

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3.1 VOICE GRADE INTEROFFICE SERVICES (Cont'd)

3.1.9 Channel Options - (Cont'd)

A. Signalling Capability - The following types of signaling are supported over Voice Grade Interoffice Channels :

- 1. Loop Start
- 2. Ground Start
- 3. E & M
- 4. Two-Point Automatic Ringdown
- 5. Manual
- 6. Loop Reverse Battery
- 7. Signal Range Extension
  - a. With CLASS A PBX (or similar)
  - b. With CLASS B PBX (or similar)
  - c. With CLASS C PBX (or similar)

Rates: Monthly  
 - Per Interoffice Connection \$ 22.50

B. Conditioning - Conditioning provides more specific transmission characteristics for Interoffice Voice Grade Services. For two point services, the parameters apply to each service. For multipoint services, the parameters apply only between any two directly connected KDL POPS. The conditioning parameters stated are based on the assumption that the access will meet the conditioning parameters set forth in LEC access service tariffs. The types of conditioning which are available are as follows:

- 1. Data Conditioning - There are two types of data conditioning: C-TYPE and D-TYPE conditioning. C-TYPE conditioning controls attenuation distortion and envelope delay distortion; D-TYPE conditioning controls the signal to C-notched noise ratio and intermodulation distortion. C-TYPE and D-TYPE conditioning may be combined on the same channel.

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RATES

3.1.9 Channel Options - (Cont'd)

B. Conditioning - (Cont'd)

Rates for C-TYPE Conditioning:

- Per Interoffice Channel	Monthly	Installation
C-1 (for two point channels)	\$ 10.65	None
C-1 (for multipoint channels)	\$ 10.65	None
C-2 (for two point channels)	\$ 31.85	None
C-2 (for multipoint channels)	\$ 31.85	None
C-4 (for two point channels)	\$ 53.05	None
C-4 (for multipoint channels serving no more than 4 customer premises)	\$ 53.05	None

D-TYPE Conditioning - When service is equipped with D-TYPE conditioning is used for voice communications, the quality of the voice transmission may not be satisfactory. When D-TYPE Conditioning is installed subsequent to the start of the service to which it is applied, a charge equal to the installation charge of the service itself will apply in addition to the installation charge for the D-Conditioning.

1. D-1 Conditioning for two point services.

- Per Interoffice Channel	Monthly	Installation
	\$ 22.30	\$ 250.00

2. D-5 Conditioning for polled multipoint data services not arranged for switching. Services using D-5 Conditioning may have a maximum of 20 polled locations. An alternate master location can be operated provided the master and alternate master locations are located in the same KDL POP, and do not operate simultaneously. Alternate voice use cannot be provided.

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RATES

3.1.9 Channel Options - (Cont'd)

B. Conditioning - (Cont'd)

Rates for D-5 TYPE Conditioning:

	Monthly	Installation
	-----	-----
- Per Interoffice Channel	\$ 42.40	\$ 100.00

C. Special Routing of an Interoffice Voice Grade Service - An Interoffice Voice Grade Service is normally furnished using a channel selected by KDL. Various special routing options are available for Interoffice Voice Grade Services. These special routing options have associated charges in addition to other applicable charges. 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 the order or discontinue the Special Routing if the partial Special Routing is not acceptable. No cancellation charge will apply in such cases. The customer options for special routing are:

- Diversity
- Avoidance

Special Routing is furnished subject to the availability of channel components.

1. Diversity - Two or more channels are furnished partially or entirely over not more than two physically separated routes, subject to availability of facilities.
2. Avoidance - A service is furnished over a channel that avoids a specified geographic location. Avoidance is offered subject to availability of alternate route facilities.

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RATES

3.1.9 Channel Options (Cont'd)

3. Diversity and Avoidance - A combination of Diversity and Avoidance, offered subject to availability of facilities.

Special Routing charges will be developed and filed on an individual case basis.

3.1.10 FOREIGN EXCHANGE (FX) SERVICE - Foreign Exchange Service enables a customer to obtain dial tone and related features in a LEC serving wire center outside the LATA of the LEC serving wire center which normally services the customer's premises.

A. The components for FOREIGN EXCHANGE SERVICE are:

- 1. Interoffice Channel - For FOREIGN EXCHANGE SERVICE, a voice grade interoffice channel is required between KDL POPs.
- 2. Central Office Connection - For FOREIGN EXCHANGE SERVICE, voice grade central office connections are required to connect an interoffice channel and each local channel or equivalent access.

B. In addition, the components specified in Section 3.4 are required to complete a FOREIGN EXCHANGE SERVICE.

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## RATES

3.2 VOICE GRADE LOCAL CHANNEL SERVICE- A Voice Grade Local Channel Service provides for the transmission of analog signals within a frequency bandwidth of approximately 300 to 3000 Hz.

3.2.1 Description - A Voice Grade Local Channel Service is suitable for transmission in one direction (one-way) or transmission in two directions (two-way) of voice, data or any other application required by the customer which utilizes analog signals within the specified transmission parameters of the local channel.

A Voice Grade Local Channel Service is provided (1) between one or more customer premises and an KDL POP or (2) solely as an access coordination function(s).

Multipoint local channel services are normally bridged at the KDL POP. Subsequent to the effective date of this tariff, KDL will at the customer's request, design its service to multiple customer premises within a LATA via the use of a bridge(s) located at a Local Exchange Company wire center(s). The customer may request specific LEC bridging locations, or may alternately request KDL to employ LEC bridging to the extent it deems practical using good engineering judgement. However, if KDL determines that it is unable to meet service design and technical performance criteria in the configuration requested, the customer will be advised and given the opportunity to cancel or change the order. In such cases, no charge will apply for the cancellation in the customer's order.

Examples of technical considerations are:

- generally data circuits will not perform satisfactorily with more than two interbridge circuit links in tandem.
- KDL's ability to test and restore circuits is diminished when bridging occurs outside its central offices. This is particularly severe when bridges are connected in tandem outside its POP.

When KDL bridging is employed to provide a multipoint local channel service, the local channel is billed via the local channel offering set forth in Section 3.3.1 following.

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## RATES

## 3.2 VOICE GRADE LOCAL CHANNEL SERVICE (Cont'd)

When LEC bridging is employed to provide a multipoint local channel service, the local channel is configured in accordance with the specifications set forth in Section 3.2.3 following and is billed via the bridged and interbridge channel offerings set forth in Section 3.3.2 and Section 3.3.3 following.

When LEC bridging is employed to provide a multipoint local channel service, the local channel is configured in accordance with the specifications set forth in Section 3.2.3 following and is billed via the bridged and interbridge channel offerings set forth in Section 3.3.2 and Section 3.3.3 following.

## 3.2.2 Regulations - The following apply.

- A. Availability of a Local Channel Service - Voice Grade Local Channel Services are available from all KDL POP's. The Local Exchange Company central offices at which bridging is available are listed in the Local Exchange Company Tariffs.
- B. Credit Allowances for Interruptions - for purposes of determining credit allowance, a Voice Grade Local Channel is considered to be interrupted when:

- There has been a loss of continuity on the local channel, or
- The local channel does not meet its specified transmission parameters.

3.2.3 LEC Bridging Arrangements - A bridging arrangement in a Local Exchange Company central office provides the capability to connect two (2) or more customer locations with a Voice Grade Interoffice Channel. These multipoint channels are configured according to the following specifications and are billed via the bridged and interbridge channel offerings.

- Each bridging arrangement has a capacity of six (6) ports. At least three (3) ports on each bridging arrangement must be utilized by a bridged channel and/or interbridge channel.

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## 3.2.3 LEC Bridging Arrangements (Cont'd)

- Generally, a maximum of three (3) bridging arrangements is permitted per voice grade interoffice channel and all interconnected interoffice channels and local channels. However, in order to meet design requirements for particular configurations, the maximum number of bridging arrangements may be lower.
- Local Exchange Company central offices at which bridging arrangements are available are listed in Local Exchange Company tariffs. Bridging arrangements are provided subject to availability of LEC facilities.

3.2.4 Minimum Payment Period - The minimum payment period for a Voice Grade Local Channel or component is one month.

3.2.5 Notice of Discontinuance - The Notice of Discontinuance for a Voice Grade Local Channel or component is 15 calendar days. Recurring charges apply for a period of 15 calendar days from the date KDL 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 local channel or component.

3.2.6 Cancellation Charge - A cancellation charge will apply for service orders cancelled by the customer on or before the mutually agreed upon due date.

Cancellation Charge - Voice Grade

Access Coordination Function      \$35.00

Local Channel, Bridged Channels,  
and Interbridge Channels              100%

3.3 VOICE GRADE LOCAL CHANNEL SERVICE RATES - The rates applicable to Voice Grade Local Channel Services are as set forth herein.

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3.3.2 Local Channels - The rates for local channels apply for two-point local channel services only and are as follows:

A. Local Channel: Other Companies (Excluding GTE)

	<u>MILEAGE BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION CHARGE</u>	
		<u>FIXED RATE</u>	<u>PER MILE RATE</u>	<u>FIRST</u>	<u>ADDITIONAL</u>
1-way	0	\$50.00	\$ .00	\$200.00	\$200.00
	1-4	61.50	6.25	200.00	200.00
	5-8	68.50	4.50	200.00	200.00
	9-25	87.50	2.20	200.00	200.00
	Over 25	123.75	.80	200.00	200.00
2-way	0	\$78.00	\$ .00	\$200.00	\$200.00
	1-4	89.50	6.25	200.00	200.00
	5-8	96.50	4.50	200.00	200.00
	9-25	115.50	2.20	200.00	200.00
	Over 25	151.75	.80	200.00	200.00

B. GTE

	<u>MILEAGE BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION CHARGE</u>	
		<u>FIXED RATE</u>	<u>PER MILE RATE</u>	<u>FIRST</u>	<u>ADDITIONAL</u>
1-way	0	\$50.00	\$ .00	\$200.00	\$200.00
	1-4	61.50	6.25	200.00	200.00
	5-8	68.50	4.50	200.00	200.00
	9-25	87.50	2.20	200.00	200.00
	Over 25	123.75	.80	200.00	200.00
2-way	0	\$78.00	\$ .00	\$200.00	\$200.00
	1-4	89.50	6.25	200.00	200.00
	5-8	96.50	4.50	200.00	200.00
	9-25	115.50	2.20	200.00	200.00
	Over 25	151.75	.80	200.00	200.00

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RATES

3.3 VOICE GRADE LOCAL CHANNEL SERVICE RATES (Cont'd)

3.3.3 Bridged Channels - The rates for bridged channels apply on LEC bridged multipoint local channel services only and apply for the channel between an LEC bridge and an KDL POP or customer's premises. The rates for bridged channels are as follows:

A. LEC Bridge to KDL POP: Other Companies (Excluding GTE)

	<u>MONTHLY</u>			
	<u>MILEAGE BAND</u>	<u>FIXED RATE</u>	<u>PER MILE RATE</u>	<u>INSTALLATION CHARGE</u>
1-way	0	\$41.00	\$ .00	\$0.00
	1-4	52.00	6.25	0.00
	5-8	59.00	4.50	0.00
	9-25	78.50	2.20	0.00
	Over 25	114.25	.80	0.00
2-way	0	\$41.00	\$ .00	\$0.00
	1-4	52.00	6.25	0.00
	5-8	59.00	4.50	0.00
	9-25	78.50	2.20	0.00
	Over 25	114.25	.80	0.00

B. LEC Bridge to KDL POP: GTE

	<u>MONTHLY</u>			
	<u>MILEAGE BAND</u>	<u>FIXED RATE</u>	<u>PER MILE RATE</u>	<u>INSTALLATION CHARGE</u>
1-way	0	\$41.00	\$ .00	\$0.00
	1-4	52.00	6.25	0.00
	5-8	59.00	4.50	0.00
	9-25	78.50	2.20	0.00
	Over 25	114.25	.80	0.00
2-way	0	\$41.00	\$ .00	\$0.00
	1-4	52.00	6.25	0.00
	5-8	59.00	4.50	0.00
	9-25	78.50	2.20	0.00
	Over 25	114.25	.80	0.00

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RATES

3.3 VOICE GRADE LOCAL CHANNEL SERVICE RATES (Cont'd)

3.3.3 Bridged Channels (Cont'd)

C. LEC Bridge to Customer Premises: Other Companies (Excluding GTE)

	<u>MILEAGE</u> <u>BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION</u>	
		<u>FIXED</u> <u>RATE</u>	<u>PER MILE</u> <u>RATE</u>	<u>FIRST</u>	<u>ADDITIONAL</u>
1-way	0	\$32.00	\$ .00	\$100.00	\$100.00
	1-4	43.00	6.25	100.00	100.00
	5-8	50.00	4.50	100.00	100.00
	9-25	68.50	2.20	100.00	100.00
	Over 25	104.50	.80	100.00	100.00
2-way	0	\$45.50	\$ .00	\$100.00	\$100.00
	1-4	57.00	6.25	100.00	100.00
	5-8	64.00	4.50	100.00	100.00
	9-25	82.50	2.20	100.00	100.00
	Over 25	118.50	.80	100.00	100.00

D. LEC Bridge To Customer Premises: GTE

	<u>MILEAGE</u> <u>BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION</u>	
		<u>FIXED</u> <u>RATE</u>	<u>PER MILE</u> <u>RATE</u>	<u>FIRST</u>	<u>ADDITIONAL</u>
1-way	0	\$32.00	\$ .00	\$100.00	\$100.00
	1-4	43.00	6.25	100.00	100.00
	5-8	50.00	4.50	100.00	100.00
	9-25	68.50	2.20	100.00	100.00
	Over 25	104.50	.80	100.00	100.00
2-way	0	\$45.50	\$ .00	\$100.00	\$100.00
	1-4	57.00	6.25	100.00	100.00
	5-8	64.00	4.50	100.00	100.00
	9-25	82.50	2.20	100.00	100.00
	Over 25	118.50	.80	100.00	100.00

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RATES

3.3 VOICE GRADE LOCAL CHANNEL SERVICE RATES (Cont'd)

3.3.4 Interbridge Channels - The rates for interbridge channels apply on LEC bridged multipoint local channel services only and apply for the channel connecting two LEC bridges. The rates for interbridge channels are as follows:

A. Interbridge Channels - Other Companies (Excluding GTE)

	<u>MILEAGE BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION CHARGE</u>
		<u>FIXED RATE</u>	<u>PER MILE RATE</u>	
1-way	0	\$ 9.00	\$ .00	\$0.00
	1-4	20.50	6.25	0.00
	5-8	27.50	4.50	0.00
	9-25	46.00	2.20	0.00
	Over 25	81.50	.80	0.00
2-way	0	\$ 9.00	\$ .00	\$0.00
	1-4	20.50	6.25	0.00
	5-8	27.50	4.50	0.00
	9-25	46.00	2.20	0.00
	Over 25	81.50	.80	0.00

B. Interbridge Channels - GTE

	<u>MILEAGE BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION CHARGE</u>
		<u>FIXED RATE</u>	<u>PER MILE RATE</u>	
1-way	0	\$ 9.00	\$ .00	\$0.00
	1-4	20.50	6.25	0.00
	5-8	27.50	4.50	0.00
	9-25	46.00	2.20	0.00
	Over 25	81.50	.80	0.00
2-way	0	\$ 9.00	\$ .00	\$0.00
	1-4	20.50	6.25	0.00
	5-8	27.50	4.50	0.00
	9-25	46.00	2.20	0.00
	Over 25	81.50	.80	0.00

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RATES

3.3 VOICE GRADE LOCAL CHANNEL SERVICE RATES (Cont'd)

3.3.5 Access Coordination Function - An access coordination function is required for:

- each two-point local channel provided by KDL,
- each customer premises termination (excluding Local Exchange Company bridge terminations) on a multipoint local channel provided by KDL,
- each two-point access channel provided by the customer for which KDL provides access coordination, or
- each customer premises termination (excluding Local Exchange Company bridge terminations) on a multipoint access channel provided by the customer for which KDL provides access coordination.

A. Rates

	<u>MONTHLY</u>	<u>INSTALLATION CHARGE</u>
- Per access coordination function.	\$9.55	\$149.00

3.3.6 Special Access Surcharge - A Special Access Surcharge applies to each termination of a Voice Grade Local Channel Service which is terminated in a PBX or equivalent device capable of interconnecting the channel with the local exchange network.

A. Special Access Surcharge Rates	<u>MONTHLY</u>
Per equivalent local channel termination	
Where applicable, each	\$35.25 (Note 1)
Where not applicable, each	0.00

Note 1: This rate is a surcharge applicable to all customers who do not certify their circuits as exempt.

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RATES

3.3 VOICE GRADE LOCAL CHANNEL SERVICE RATES (Cont'd)

Channel Options - The following channel options are available for use with Voice Grade Local Channel Services.

3.3.7 A. Conditioning - Conditioning provides more specific transmission characteristics for Voice Grade Local Channel Services. For two-point local channel services the parameters apply to each local channel. For multipoint local channel services, the parameters apply between two communicating points. The types of conditioning which are available are C-Type conditioning, and D-Type conditioning.

1. C-Type Conditioning - The rates for C-Type conditioning apply per local channel of a two-point local channel service, and per bridged or interbridged channel of a multipoint local channel service.

<u>TYPE</u>	<u>MONTHLY</u>	<u>INSTALLATION CHARGE</u>	
		<u>INITIAL</u>	<u>SUBSEQUENT</u>
C-1	\$8.25	\$245.00	\$98.50
C-2	8.25	245.00	98.50
C-4	8.25	245.00	98.50

2. D-Type Conditioning - The rates for D-Type conditioning apply per point (KDL POP or customer's premises) of a two-point local channel service and per bridged or interbridged channel of a multipoint local channel service.

<u>MONTHLY</u>	<u>OTHER COMPANIES</u>		<u>GTE</u>	
	<u>INSTALLATION CHARGE</u>	<u>INITIAL</u>	<u>INSTALLATION CHARGE</u>	<u>INITIAL</u>
\$1.50	\$235.00	\$235.00	\$235.00	\$235.00

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## RATES

## 3.3 VOICE GRADE LOCAL CHANNEL SERVICE RATES (Cont'd)

## 3.3.7 Channel Options (Cont'd)

- B. Signaling - Signaling is the process by which one location alerts another location on the same channel or network that it wishes to communicate.

The signaling arrangements available permit signals generated by other equipment at a location to be transmitted over a local channel service. They do not include the capability to initiate or receive those signals.

The signaling arrangement to be used on a local channel service is dependent on the type of equipment connected to the local channel service, the function of the channel (e.g., off-premises station, foreign exchange, tie trunk) and the manner in which the customer wants the signal process to operate (e.g., ringdown, dial).

- (a) Loop Start Loop Signaling - Loop start loop signaling is used for off-premises stations, trunk to station tie lines, and other channels which are terminated in switching equipment at one end and other terminal equipment (e.g., in a handset) at the other end. The interface with the switching equipment is referred to as the open end and the interface with the station is referred to as the closed end.

This signaling arrangement is designed to pass an open loop (idle condition) or closed loop (seized condition) from the station to the switching equipment. It will transmit dial pulse of multifrequency pulsing signals from the station to the switching equipment and dial tone and 20 Hertz ringing from the switching equipment to the station.

- (b) Ground Start Loop Signaling - This signaling arrangement is used for channels that interface with central office switching equipment on the open end and PBX on the closed end to provide a PBX to KDL trunk.

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## RATES

## 3.3 VOICE GRADE LOCAL CHANNEL SERVICE RATES (Cont'd)

## 3.3.7 Channel Options (Cont'd)

## B. Signaling (Cont'd)

In the operation of this arrangement the closed end provides a closed loop and momentary ground for the ring conductor as a seizure. The open end provides a ground on the tip and battery on the ring as a seizure. This arrangement will transmit dial tone and 20 Hertz ringing from the open end to the closed end, and will transmit dial pulses or multifrequency pulsing address signals from the closed end to the open end.

- (c) E&M Signaling Interface - This signaling arrangement is used for registered or grandfathered switching equipment tie trunks and is available as Type I, II, or III E&M Signaling.
- (d) Two-Point Automatic Ringdown Signaling Arrangements Loop Closure Interface - In this signaling arrangement, the calling station activates 20 Hertz ringing by providing a tip to ring conductor short as an off-hook signal. The 20 Hertz ringing operates a bell or relay at the distant station. Loop Closure interface is used for handset, key set, switchboard, and console terminations.
- (e) Manual Signaling Arrangements for Two-Point of Multipoint Local Channel Services 20 Hertz Interface - In this signaling arrangement the calling station transmits 20 Hertz ringing activated by the operation of a key or a button. The 20 Hertz ringing activates a bell or relay at the distant station. In the multipoint local channel service application, all stations receive the ring from the calling location.
- (f) Manual Signaling Arrangement with Code Selection for Multipoint Local Channel Services - This signaling arrangement is similar to the manual signaling arrangement for two-point local channels except that the calling station can select a single distant station or group of stations by keying one of nine predetermined codes. Only stations called will respond to the ringing current.

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RATES

3.3 VOICE GRADE LOCAL CHANNEL SERVICE RATES (Cont'd)

3.3.7 Channel Options (Cont'd)

- (g) Loop Reverse Battery - This signaling arrangement changes the signaling state when the battery and ground on the tip and ring are reversed. This arrangement is typically used on PBX and Centrex tie trunks.
- (h) Signal Range Extension - Signal Range Extension is required when a local channel service (arranged for loop start dial signaling) is used as an off-premises station. There are three types:
  - Type A is furnished for use with Class A PBX (or similar) station ports capable of operation over loops with resistance in the range of 0-199 ohms.
  - Type B is furnished for use with Class B PBX (or similar) station ports capable of operation over loops with resistance in the range of 200-899 ohms.
  - Type C is furnished for use with Class C PBX (or similar) station ports capable of operation over loops with resistance in the range of 900 ohms or more.

Rates - The rates for signaling apply per point (KDL POP or customer's premises) arranged on a local channel service and are as follows:

<u>TYPE</u>	<u>MONTHLY RATE</u>	<u>INSTALLATION CHARGE</u>
All	\$18.00	None

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## RATES

## 3.3 VOICE GRADE LOCAL CHANNEL SERVICE RATES (Cont'd)

## 3.3.7 Channel Options (Cont'd)

- C. Special Routing - A Voice Grade Local Channel is normally furnished facilities selected by KDL. Various special routing options are available for Voice Grade Local Channels. These special routing options have associated charges in addition to other applicable charges. 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 compromised basis. The customer will be advised before partial special routing is provided and may cancel the order or discontinue the special routing if the partial special routing is not acceptable. No cancellation charge will apply in such cases. The customer options for special routing follow. Special routing is furnished subject to the availability of facilities.
1. Diversity - Two or more local channels are furnished partially or entirely over not more than two physically separated routes, subject to availability of facilities. Diversity is furnished for any portion of the local channel or in its entirety. 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.
  2. Avoidance - A local channel is furnished over a facility that avoids a specified geographic location. Avoidance is offered subject to availability of alternate route facilities. Charges will be developed and filed on an individual case basis.
  3. Diversity and Avoidance - A combination of diversity and avoidance. Charges will be developed and filed on an individual case basis.
  4. Cable-Only - A local channel is furnished over cable-only facilities. Charges will be developed and filed on an individual case basis.

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## RATES

- 3.4 FOREIGN EXCHANGE SERVICE - Foreign Exchange Service enables a customer to obtain dial tone and related features in an LEC serving wire center outside the LATA of the LEC serving wire center that normally serves the customer's premises.
- A. The components of Foreign Exchange Service provided under this tariff are:
1. Local Channel - For the portion of Foreign Exchange Service between the customer's premises and an KDL POP, voice grade local channel rates set forth in Section 3.3.2 apply or the customer may provide other access.
  2. Access Coordination Function - A voice grade access coordination function is required for each two-point local channel and Foreign Exchange Local Channel provided by AT&T. The rates applicable to voice grade access coordination functions are set forth in Section 3.3.5.
  3. Signaling - Appropriate signaling is required for each local channel used to provide Foreign Exchange Service.
  4. Special Access Surcharge - All special access surcharge regulations and rates applicable to other local channel services also apply to local channels used to provide Foreign Exchange Service.
- B. The following components will be billed to the customer by the LEC providing dial tone for the FX service:
1. Feature Group A Access Service - KDL will arrange Feature Group "A" Access Service for the customer from the LEC at rates and charges specified in the LEC Intrastate Access Tariff. The LEC will bill all nonrecurring, monthly, and/or usage charges for this service directly to the customer. Charges may vary from month to month based on the customer's actual use.
  2. Special Access Charges - Certain LEC's assess special access charges for facilities which connect a Feature Group A Access Service to the KDL interoffice channel. These charges, where applicable, will be billed directly to the customer by the LEC.
- C. In addition, the components specified in Section 3.1.6 required to complete a Foreign Exchange Service.

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RATES

3.6 KDL T-1 INTEROFFICE SERVICES

3.6.1 GENERAL - A KDL T-1 Service provides for the transmission of 1.544 Mbps digital signals.

A KDL T-1 Service uses one of two types of framed DS1 signal formats, D4 or ESF. Customers are required to select either D4 format or, where available, the Extended Superframe (ESF).

Description - KDL T-1 Services are configured by furnishing office functions or by combining components to connect two KDL POP's. KDL POP's may be within the same LATA or may be located in different LATAs. KDL T-1 Services are furnished on a two-point basis only.

3.6.2 Signals at the Central Office Connection - All signals generated by Local Channels, or other access, and presented to the central office connection at a KDL POP must meet certain signal and format constraints. Some of these constraints are listed below.

A. Signal and Format Constraints for Framed DS1 Signals

- Data Rate: 1.544 Mbps +/- 75 bps.
- Consecutive Zeros: No more than 15 consecutive zeros may be generated.
- F-Bit Position: This framing constraint requires the use of every 193rd bit position for framing, error detection, signaling, and the transmission of other network control information.

3.6.3 Regulations - The following apply:

A. Availability of KDL T-1 Service - KDL T-1 Services are available from all KDL POP's.

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RATES

3.6 GENERAL (Cont'd)

B. Credit Allowances for Interruptions - For purposes of determining credit allowances, a KDL T-1 Service is considered to be interrupted when:

- there has been a loss of continuity or
- 300 or more seconds of transmission containing errors occur in a 15-minute period.

3.6.4 Minimum Payment Period - Except as noted in Section 3.6.7 following, the minimum payment period for all KDL T-1 Service components is one month.

The minimum payment period for components furnished under an optional three-year or five-year fixed rate plan depends upon the conditions under which the customer discontinues service.

3.6.5 Notice of Discontinuance - The notice of discontinuance for all Interoffice Channel components of a KDL T-1 Service is 30 calendar days. Recurring charges apply for a period of 30 calendar days from the date KDL 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.

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RATES

3.6 GENERAL (Cont'd)

3.6.6 Cancellation Charge - A cancellation charge will apply for service orders cancelled by the customer on or before the mutually agreed upon due date.

CANCELLATION CHARGE - KDL T-1 SERVICES

Interoffice Channel	\$260.00 per Channel
Central Office Connection	\$100.00 per Connection

3.6.7 KDL - T-1 Fixed Rate Plan - One-, two-, three-, four-, and five-year fixed rate plans are available as alternatives to conventional monthly rates for the Interoffice Channel component of KDL T-1 Service. Customers may, at any time prior to the start of service, select any of the available rate plans. If the customer changes rate plans prior to the start of service, it will not constitute the cancellation of an order, and cancellation charges as described in Section 3.6.6, preceding, will not apply. With the discounted fixed rate plan, the percentage discount off the rates under the monthly rate plan will be fixed throughout the commitment period.

A. Discontinuance of a KDL T-1 Fixed Rate Plan Without Liability - The customer may discontinue a KDL T-1 Interoffice Channel furnished under a fixed rate plan prior to the expiration of the applicable term without liability under any of the following conditions:

1. If tariff revisions increase the applicable rate before the applicable term expires, the customer must notify KDL in writing within 60 days of the effective date of the tariff revision of their intent to discontinue the applicable rate plan.

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RATES

3.6 GENERAL (Cont'd)

- 2. If the customer enters a new agreement before the applicable term expires and the expiration date of the new plan is on or after the expiration date of the unexpired term.
- 3. The customer enters into a replacement plan for other KDL services which has an equal or greater revenue commitment, provided the expiration date of the new plan is on or after the expiration date of the unexpired plan.

B. Discontinuance of a Fixed Rate Interoffice Channel Plan With Liability - Discontinuance of a service furnished under a fixed rate plan for reasons other than stated in 3.6.7 above, prior to the expiration of the applicable term, will result in customer liability as specified below:

- 1. For service discontinued prior to the completion of the first year of service, the customer is liable for 100 percent of the local monthly charges for the unexpired portion of the first year of service plus 50 percent of the total monthly charges for the remaining portion of the applicable term.
- 2. For service discontinued after the completion of the first year of service and more than 30 calendar days prior to the expiration date of the fixed rate plan, the customer is liable for 50 percent of the total monthly charges for the unexpired portion of the applicable term. For service discontinued within 30 calendar days of the expiration date of the fixed rate plan, Notice of Discontinuance provisions as specified in Section 3.6.5 preceding apply.

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3.7.1 Interoffice Channel (Cont'd)

- A. Rates - The monthly charge is mileage sensitive and includes two rates. A fixed rate applies to the channel itself, and a mileage rate applies to each airline mile.

<u>Monthly Plan</u>	<u>MONTHLY RECURRING CHARGE</u>	
	<u>FIXED</u>	<u>PER MILE</u>
1 - 50 miles	\$247.50	\$ 9.45
51 - 100 miles	270.00	9.00
101 - miles	315.00	8.55

KDL T-1 Fixed Rate Plans

KDL T-1 Fixed Rate Plans are available as alternatives to conventional monthly rates.

Minimum Term Discounts

- 1 year - 3%
- 2 year - 5%
- 3 year - 7%
- 4 year - 8%
- 5 year - 10%

- B. Calculation of Charges - Using the rate schedule, multiply the total calculated airline miles by the appropriate mileage rate. To this figure add the fixed rate shown for that airline mileage band. The sum of the mileage charge and the fixed charge is the total recurring monthly charge for the Interoffice Channel.

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3.7.2 Central Office Connection - A central office connection provides the function, at a KDL POP, of interconnecting Interoffice Channels, office functions, and Local Channels.

A. Rates

	<u>MONTHLY</u>	<u>INSTALLATION CHARGE</u>
- Per central office connection	\$55.80	\$279.00

3.7.3 Office Functions

A. Transfer Arrangement - This transfer arrangement enables a customer to transfer a DS1 channel terminated on a customer premise between two other DS1 channels, each terminated on a customer premise.

A central office connection is required for each KDL T-1 local channel or other access.

A key-activated control channel is required to operate the transfer arrangement. The control channel must be provided from the KDL POP to the control location of the customer. The key and channel must be provided by the customer. The control channel will require a central office connection.

(a) Per Transfer Arrangement	<u>MONTHLY</u> \$170.00
------------------------------	----------------------------

B. KDL-24 Multiplexing - The KDL-24 Multiplexing office function permits the derivation of up to 24 channels from a KDL T-1 Service.

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B. KDL-24 Multiplexing (Cont'd)

The KDL-24 Multiplexing office function, when connected to an KDL T-1 Service and used in conjunction with an KDL-24 Multiplexing office function at another KDL POP, or with compatible customer-provided multiplexing equipment located at a customer's premise, provides for the derivation of up to 24 channels at the KDL POP(s). KDL-24 Multiplexing, when used in conjunction with KDL-44 Multiplexing, only permits the derivation of up to 22 voice grade equivalent channels from a KDL T-1 Service. A central office connection is required to connect an KDL T-1 Service to this office function.

A throughput option is required for each derived channel. Throughput options are available as a single throughput option or as a group throughput option. The group throughput option can only be used when all the derived channels to a maximum of 24, are connected to the same service. The signaling required at the KDL POP for the connection to a switching arrangement or channel is provided by the throughput option.

Voice grade channels derived at the central office may be connected to a switched or nonswitched voice grade service in the same or different wire center area. Digital channels derived at the central office may be connected to another digital service in the same KDL POP. KDL does not warrant the quality of transmission on every possible interconnection.

Customer-provided multiplexing used in conjunction with an KDL-24 Multiplexing office function must transmit a standard D-type formatted 1.544 Mbps signal. The customer is responsible for furnishing the signaling for the derived voice grade applications at its premises.

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B. KDL-24 Multiplexing (Cont'd)

Rates

	<u>MONTHLY</u>	<u>INSTALLATION CHARGE</u>
Per KDL-24 Multiplexing office function	\$260.10	\$450.00
Per each throughput option		
- single	\$ 5.00	
- group	\$ 21.00	

In addition, a nonrecurring charge of \$50.00 applies for each addition, deletion or reconfiguration of throughput options.

C. KDL-44 Multiplexing - The KDL-44 Multiplexing office function permits signals from two KDL T-1 Services, each containing up to 22 voice grade signals, to be compressed onto a single KDL T-1 Service. It also expands such compressed signals back onto two 1.544 Mbps channels.

A KDL T-1 Service carrying a compressed signal can be expanded either by an KDL-44 Multiplexing office function at another KDL POP or by a customer's premise equipment. Voice grade channels which are derived at a KDL POP can be connected or extended as specified in B., preceding. A central office connection is required for each KDL T-1 Service connected to this office function.

	<u>MONTHLY</u>
- Per KDL-44 Multiplexing office function	\$465.30

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KDL-44 Multiplexing (Cont'd)

D. Automatic 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.

a. Rates

	<u>MONTHLY</u>
- Per Automatic Protection Capability	\$279.00

3.8 KDL T-1 LOCAL CHANNEL SERVICE

3.8.1 GENERAL - The KDL T-1 Local Channel Service provides for the transmission of 1.544 Mbps digital signals over channels.

Description - A KDL T-1 Local Channel Service is capable of simultaneous two-way transmission of serial, bi-polar, return-to-zero isochronous digital signals at a transmission speed of 1.544 Mbps on a two-point basis only.

A KDL T-1 Local Channel Service may be furnished (1) between a customer's premises and a KDL POP, or (2) solely as an access coordination function.

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

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3.8 KDL T-1 LOCAL CHANNEL SERVICE (Cont'd)

3.8.1 GENERAL (Cont'd)

KDL T-1 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).

3.8.2 Signals at the Interface - All signals generated by customer equipment and presented to the interface must meet certain signal and format constraints. Some of these constraints are listed below.

A. Signal and Format Constraints for Framed DS1 Signals

- Data Rate: 1.544 Mbps +/- 75 bps.
- Consecutive Zeros: No more than 15 consecutive zeros may be generated.
- Pulse Density: At least three pulses in any 24 bit interval.
- F Bit Position: This framing constraint permits the use of every 193rd bit position for framing, error detection, signaling, and the transmission of other network control information.

3.8 KDL T-1 LOCAL CHANNEL SERVICE (Cont'd)

3.8.3 Regulations - In addition to the Regulations in Section 2.0, preceding, the following apply.

A. Availability of a Local Channel Service - KDL T-1 Local Channel Services are available from the KDL POP's. KDL T-1 Local Channel Services may not be available in every LATA or from each LEC wire center.

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3.8.3 Regulations (Cont'd)

- B. Credit Allowances for Interruptions - For purposes of determining credit allowance, a KDL T-1 Local Channel Service is considered to be interrupted when:
  - there has been a loss of continuity on the local channel service, or
  - 300 or more seconds of transmission containing errors occur in a 15-minute period.
- C. Connection of 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 Service Charge will apply.

Maintenance Service Charge \$65.00 per hour

- 3.8.4 Minimum Payment Period - The minimum payment period for a KDL T-1 local channel service or component is equal to the minimum service period for 1.544 Mbps local channels as established by Local Exchange Company tariffs.

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- 3.8.5 Notice of Discontinuance - The Notice of Discontinuance for a KDL T-1 Local Channel Service or component is 30 calendar days. Recurring charges apply for a period of 30 calendar days from the date KDL 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 local channel service component.
- 3.8.6 Cancellation Charge - A cancellation charge will apply for service orders cancelled by the customer on or after the mutually agreed upon due date.  
  
Cancellation Charge - KDL T-1 Local Channel Services  
  
Access Coordination                      \$130.00  
Function:  
  
Local Channel                              100% of Local Channel Charge
- 3.9 KDL T-1 LOCAL CHANNEL SERVICE RATES - The rates applicable to KDL T-1 Local Channel Services are as set forth herein.
- 3.9.1 Local Channels - KDL will provide KDL T-1 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.
- 3.9.2 Access Coordination Function - An access coordination function is required for each local channel provided by KDL or for each access channel provided by the customer for which KDL provides access coordination.

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3.9 KDL T-1 LOCAL CHANNEL SERVICE RATES (Cont'd)

3.9.2 Access Coordination Function (Cont'd)

A. Rates

	<u>MONTHLY</u>	<u>INSTALLATION CHARGE</u>
- Per access coordination function applies per each local Channel	\$21.70	\$207.00

3.9.3 Channel Options - The following channel options are available for use with KDL T-1 Local Channel Services:

- A. Special Routing - A KDL T-1 Local Channel Service is normally furnished using facilities selected by KDL. 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. Diversity is the only special routing option available for KDL T-1 Local Channel Services.

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3.9.3 Channel Options (Cont'd)

1. Diversity - Two or more KDL T-1 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.

	<u>MONTHLY</u>	<u>NONRECURRING CHARGE</u>
(a) Per Local Channel	ICB	ICB

- 3.9.4 Special Access Surcharge - in addition to the rates set forth in Section 3.9.1, 3.9.2, 3.9.3, preceding, a Special Access Surcharge applies to each voice grade equivalent channel, derived from a KDL T-1 Local Channel Service, which is terminated at a PBX or equivalent device capable of interconnecting the derived channel with the local exchange network.

A. Special Access Surcharge Rates

	<u>MONTHLY</u>
Per equivalent local channel termination	
Where applicable, each	\$35.25 (Note 1)
Where not applicable, each	\$ 0.00

(Note 1) This rate is a surcharge applicable to all customers who do not certify their circuits as exempt.

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3.10 DIGITAL DATA LOCAL CHANNEL SERVICE - A Digital Data Local Channel Service provides for the transmission of data at various speeds.

3.10.1 Description - A Digital Data Local Channel Service provides an all digital channel for the simultaneous two-way transmission of data at synchronous speeds of 2.4 Kbps, 4.8 Kbps, 9.6 Kbps or 56 Kbps on a two-point basis.

There are two types of Digital Data Local Channel Services, Type 1 and Type 2.

- A Type 1 Digital Data Local Channel service is furnished between a customer's premises and a KDL POP for connection to a Digital Service. Each Type 1 Digital Data Local Channel requires Digital Data access multiplexing, as specified in 3.14 following.
- A Type 2 Digital Data Local Channel Service is furnished between a customer's premises and a KDL POP for connection to an Analog-to-Digital Converter.

In addition, a Digital Data Local Channel Service may consist solely of an Access Coordination Function.

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

3.10.2 Regulations - In addition to the regulations in Section 2, preceding, the following apply:

- A. Availability of a Local Channel Service - Digital Data Local Channel Services may not be available in every POP or to all serving wire center areas within a LATA.

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3.10 DIGITAL DATA LOCAL CHANNEL SERVICES (Cont'd)

3.10.2 Regulations (Cont'd)

B. Credit Allowances for Interruptions - For purposes of determining credit allowance in accordance with the regulations in Section 2 preceding, a Digital Data Local Channel Service is considered to be inoperative when:

- There has been a loss of continuity on the local channel service, or
- The error performance is below the 99.875% error-free-seconds design objective.

C. Connection of Channel Service Unit Functionality - The customer is responsible for providing Channel Service Unit Functionality for each termination of a Digital Data Local Channel Service at 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.

The connection of channel service unit functionality to Digital Data Local Channel Services shall be in accordance with Part 68 of the FCC's Rules and Regulations.

3.10.3 Minimum Payment Period - The minimum payment period for a Digital Data Local Channel Service or component is 30 calendar days.

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3.10 DIGITAL DATA LOCAL CHANNEL SERVICES (Cont'd)

3.10.4 Notice of Discontinuance - The Notice of Discontinuance for a Digital Data Local Channel Service or component is 30 calendar days. Recurring charges apply for a period of 30 calendar days from the date KDL 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 local channel service or component.

3.11 DIGITAL DATA LOCAL CHANNEL SERVICE RATES - The rates applicable to (TYPE 1) Digital Data Local Channel Services are as set forth herein:

3.11.1 Type 1 Local Channels - The rates for Type 1 Local Channels are as follows:

A. Other Companies (Excluding GTE)

<u>SPEED</u>	<u>MILEAGE BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION CHARGE</u>	
		<u>FIXED RATE</u>	<u>PER MILE RATE</u>	<u>FIRST</u>	<u>ADD'L</u>
2.4 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	162.00	3.25	190.00	190.00
	5-8	162.00	3.25	190.00	190.00
	9-25	167.00	2.65	190.00	190.00
	Over 25	196.00	1.50	190.00	190.00
4.8 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	162.00	3.25	190.00	190.00
	5-8	162.00	3.25	190.00	190.00
	9-25	167.00	2.65	190.00	190.00
	Over 25	196.00	1.50	190.00	190.00

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3.11.1 Type 1 Local Channels (Cont'd)

9.6 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	176.50	3.25	190.00	190.00
	5-8	176.50	3.25	190.00	190.00
	9-25	183.00	2.50	190.00	190.00
	Over 25	212.00	1.35	190.00	190.00
56 Kbps	0	\$121.50	\$ .00	\$285.00	\$285.00
	1-4	288.00	11.00	285.00	285.00
	5-8	312.00	5.75	285.00	285.00
	9-25	324.00	4.35	285.00	285.00
	Over 25	371.00	2.50	285.00	285.00

B. GTE

<u>SPEED</u>	<u>MILEAGE BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION CHARGE</u>	
		<u>FIXED RATE</u>	<u>PER MILE RATE</u>	<u>FIRST</u>	<u>ADD'L</u>
2.4 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	162.00	3.25	190.00	190.00
	5-8	162.00	3.25	190.00	190.00
	9-25	167.00	2.65	190.00	190.00
	Over 25	196.00	1.50	190.00	190.00

3.11.1 Type 1 Local Channels - The rates for Type 1 Local Channels are as follows:

B. GTE (Cont'd)

<u>SPEED</u>	<u>MILEAGE BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION CHARGE</u>	
		<u>FIXED RATE</u>	<u>PER MILE RATE</u>	<u>FIRST</u>	<u>ADD'L</u>
4.8 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	162.00	3.25	190.00	190.00
	5-8	162.00	3.25	190.00	190.00
	9-25	167.00	2.65	190.00	190.00
	Over 25	196.00	1.50	190.00	190.00

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3.11.1 Type 1 Local Channels (Cont'd)

9.6 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	176.50	3.25	190.00	190.00
	5-8	176.50	3.25	190.00	190.00
	9-25	183.00	2.50	190.00	190.00
	Over 25	212.00	1.35	190.00	190.00
56 Kbps	0	\$121.50	\$ .00	\$285.00	\$285.00
	1-4	288.00	11.00	285.00	285.00
	5-8	312.00	5.75	285.00	285.00
	9-25	324.00	4.35	285.00	285.00
	Over 25	371.00	2.50	285.00	285.00

3.12 DIGITAL DATA LOCAL CHANNEL SERVICE RATES - The rates applicable to (TYPE 2) Digital Data Local Channel Services are as set forth herein :

3.12.1 Type 2 Local Channels - The rates for Type 2 Local Channels are as follows:

A. Other Companies (Excluding GTE)

SPEED	MILEAGE BAND	MONTHLY		INSTALLATION CHARGE	
		FIXED RATE	PER MILE RATE	FIRST	ADD'L
2.4 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	162.00	3.25	190.00	190.00
	5-8	162.00	3.25	190.00	190.00
	9-25	167.00	2.65	190.00	190.00
	Over 25	196.00	1.50	190.00	190.00
4.8 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	162.00	3.25	190.00	190.00
	5-8	162.00	3.25	190.00	190.00
	9-25	167.00	2.65	190.00	190.00
	Over 25	196.00	1.50	190.00	190.00

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3.12.1 TYPE 2 LOCAL CHANNELS (Cont'd)

<u>SPEED</u>	<u>MILEAGE BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION CHARGE</u>	
		<u>FIXED RATE</u>	<u>PER MILE RATE</u>	<u>FIRST</u>	<u>ADD'L</u>
9.6 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	176.50	3.25	190.00	190.00
	5-8	176.50	3.25	190.00	190.00
	9-25	183.00	2.50	190.00	190.00
	Over 25	212.00	1.35	190.00	190.00
56 Kbps	0	\$121.50	\$ .00	\$285.00	\$285.00
	1-4	288.00	11.00	285.00	285.00
	5-8	312.00	5.75	285.00	285.00
	9-25	324.00	4.35	285.00	285.00
	Over 25	371.00	2.50	285.00	285.00

B. GTE

<u>SPEED</u>	<u>MILEAGE BAND</u>	<u>MONTHLY</u>		<u>INSTALLATION CHARGE</u>	
		<u>FIXED RATE</u>	<u>PER MILE RATE</u>	<u>FIRST</u>	<u>ADD'L</u>
2.4 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	162.00	3.25	190.00	190.00
	5-8	162.00	3.25	190.00	190.00
	9-25	167.00	2.65	190.00	190.00
	Over 25	196.00	1.50	190.00	190.00
4.8 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	162.00	3.25	190.00	190.00
	5-8	162.00	3.25	190.00	190.00
	9-25	167.00	2.65	190.00	190.00
	Over 25	196.00	1.50	190.00	190.00
9.6 Kbps	0	\$ 82.00	\$ .00	\$190.00	\$190.00
	1-4	176.50	3.25	190.00	190.00
	5-8	176.50	3.25	190.00	190.00
	9-25	183.00	2.50	190.00	190.00
	Over 25	212.00	1.35	190.00	190.00

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3.12.1 TYPE 2 LOCAL CHANNELS (Cont'd)

56 Kbps	0	\$121.50	\$ .00	\$285.00	\$285.00
	1-4	288.00	11.00	285.00	285.00
	5-8	312.00	5.75	285.00	285.00
	9-25	324.00	4.35	285.00	285.00
	Over 25	371.00	2.50	285.00	285.00

3.13 Access Coordination Function - An access coordination function is required for each local channel provided by KDL, or for each access channel provided by the customer for which KDL provides access coordination.

A. Rates - per access coordination function:

	<u>MONTHLY</u>	<u>INSTALLATION CHARGE</u>
2.4 Kbps	\$28.65	\$233.00
4.8 Kbps	28.65	233.00
9.6 Kbps	28.65	233.00
56 Kbps	28.65	233.00

3.14 Digital Data Access Multiplexing - Access multiplexing is required for each Type 1 Digital Data Local Channel connected to a KDL Digital Service Interoffice Channel.

A. Rates - Rates for each Type 1 Digital Data Local channel, or equivalent, connected are as follows:

Other Companies Excluding GTE

	<u>MONTHLY</u>
2.4 Kbps	\$77.50
4.8 Kbps	86.50
9.6 Kbps	80.50
56 Kbps	70.00

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3.14 Digital Data Access Multiplexing (Cont'd)

B. Rates - Rates for each Type 1 Digital Data Local channel, or equivalent, connected are as follows:

GTE

MONTHLY

2.4 Kbps	\$77.50
4.8 Kbps	86.50
9.6 Kbps	80.50
56 Kbps	70.00

3.15.1 Channel Options - The following channel options are available for use with Digital Data Local Channel Services.

A. Special Routing - A Digital Data Local Channel Service is normally furnished using facilities selected by KDL. However, special routing options are available where the required local channel facilities 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 compromise is not acceptable. No cancellation charge will apply in such case. Diversity is the only special routing option for Digital Data Local Channel Services. It is available only for 56 Kbps local channel services.

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3.15.1 Channel Options (Cont'd)  
A. Special Routing (Cont'd)

1. Diversity - Two or more 56 Kbps Digital Data 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 its entirety. 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.

(a) Diversity From Another 56 Kbps Local Channel Service - charges will be developed and filed on an individual case basis.

(b) Diversity From Other Types of Local Channel Service - charges will be developed and filed on an individual case basis.

B. Secondary Channel - The secondary channel option provides the customer with the capability to derive an independent, slower speed auxiliary (secondary) channel that operates in parallel with a primary Digital Data Local Channel without reducing the operating speed of the primary channel. It is available for all speeds of Type 1 Digital Data Local Channels. For 56 kbps channels, the option may be used only in two-point configurations which do not require the installation of loop repeater equipment. The speeds of the secondary channels are as follows:

- 133 bps with a primary 2.4 kbps channel
- 266 bps with a primary 4.8 kbps channel
- 533 bps with a primary 9.6 kbps channel
- 2,666 bps with a primary 56 kbps channel

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3.15.1 Channel Options (Cont'd)  
 B. Secondary Channel (Cont'd)

1. Rates - Per Type 1 Digital Data Local Channel arranged for secondary channel operation.

<u>PRIMARY SPEED</u>	<u>SECONDARY SPEED</u>	<u>MONTHLY</u>	<u>INSTALLATION CHARGE</u>	
			<u>INITIAL</u>	<u>SUBSEQUENT</u>
2.4 kbps	133 bps	\$16.50	none	\$600.00
4.8 kbps	266 bps	16.50	none	600.00
9.6 kbps	533 bps	16.50	none	600.00
56 kbps	2,666 bps	16.50	none	600.00

3.16.1 Miscellaneous Functions

A. Bridging - Bridging provides the capability to connect two or more Type 1 Digital Data Local Channel Services in a Local Exchange Company hub office.

1. Rates

	<u>MONTHLY</u>		<u>INSTALLATION CHARGE</u>	
	<u>OTHER COMPANIES</u>	<u>GTE</u>	<u>OTHER COMPANIES</u>	<u>GTE</u>
- Per 2.4, 4.8, 9.6, or 56 Kbps local channel	\$38.50	\$38.50	\$0.00	\$0.00

B. Transfer Arrangements - A transfer arrangement permits a customer to alternately transfer a channel to one of up to 48 other channels (Type 1 Digital Data Local Channel Services or KPLN Digital Service Interoffice Channels) provided under this tariff which are terminated in the same LEC digital Hub office. All channels that are connected to a transfer arrangement must operate at the same transmission speed. Transfer arrangements require separately obtained control arrangements.

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3.16.1 Miscellaneous Functions (Cont'd)

B. Transfer Arrangement (Cont'd)

The channels utilized with the transfer arrangement are not provided as part of the arrangement and must be obtained separately from the appropriate tariff(s).

1. Rates

	<u>MONTHLY</u>	<u>INSTALLATION CHARGE</u>	
		<u>INITIAL</u>	<u>SUBSEQUENT</u>
- Per Arrangement	\$18.75	\$125.00	\$325.00

3.17 DIGITAL DATA INTEROFFICE CHANNEL - An Interoffice Channel is a channel between two KDL POP's. It is available at transmission speeds of 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, or 56 Kbps.

3.17.1. Rates - The rates for an IOC are listed by transmission speed. The monthly charge is mileage sensitive and includes two rates. A fixed rate applies to the channel itself, and a mileage rate applies to each airline mile of the IOC.

	<u>Monthly Fixed Rate</u>	<u>Monthly Per Mile Rate</u>
2.4 Kbps	\$ 33.30	\$ .72
4.8 Kbps	37.35	.81
9.6 Kbps	41.10	.90
56 Kbps	144.00	1.44

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3.17.2. Central Office Connection - A central office connection provides the function, at a KDL POP, of interconnecting interoffice channels, office functions, local channels, or other access.

A. Rates

	<u>MONTHLY</u>	<u>INSTALLATION CHARGE</u>
- Per central office connection		
2.4 Kbps	\$19.00	\$141.30
4.8 Kbps	\$19.00	\$141.30
9.6 Kbps	\$33.45	\$141.30
56.0 Kbps	\$47.75	\$213.30

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