

**GTE MIDWEST,
INC. (f/k/a GTE
NORTH, INC.)**

PSC MO NO. 5

ORIGINAL ADOPTION NOTICE SHEET

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MAR 16 1993

ADOPTION NOTICEGTE MIDWEST INCORPORATEDPRIVATE LINE SERVICE TARIFF

MISSOURI

Public Service Commission

GTE MIDWEST INCORPORATED, a Delaware Corporation, hereby adopts, ratifies, and makes its own, in every respect as if the same had been originally filed by it, all schedules, rules, notices, concurrences, schedule agreements, divisions, authorities or other instruments whatsoever, filed with the Public Service Commission, State of Missouri, by GTE North Incorporated prior to April 1, 1993, the beginning of its possession.

By this notice it also adopts and ratifies all supplements or amendments to any of the above schedules, etc., which GTE North Incorporated has heretofore filed with said Commission.

This Tariff is applicable to the following GTE MIDWEST INCORPORATED exchanges for Private Line Service:

Amazonia	Cosby	Kingston	Rosendale
Ashland	Crane	Lawson	Savannah
Ava	Easton	Lowry City	Stewartsville
Avenue City	Fillmore	Macon	Sturgeon
Bolckow	Gower	Mansfield	Trimble
Braymer	Hallsville	Maysville	Turney
Cameron	Hamilton	Memphis	Unionville
Centralia	Harrisburg	Osborn	Wayland
Clark	Helena	Osceola	Weaubleau
Clarksdale	Humansville	Plattsburg	Whitesville
Collins	Kahoka	Queen City	
Columbia	Kidder	Rochepoint	

For administrative purposes, subsequent tariff filings made by the Company will be identified in the upper left hand corner of the tariff sheet as GTE MIDWEST INCORPORATED (former GTE North Incorporated).

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Issued: March 15, 1993

Effective: April 1, 1993

Gerald D. Harris
Regional Director-External Affairs
Wentzville, Missouri

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TITLE PAGE
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PRIVATE LINE SERVICE TARIFFS

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TITLE PAGE

GTE North Incorporated

INTRASTATE INTRALATA

PRIVATE LINE SERVICE TARIFFS

Applying to the Intrastate Services
of this Company in Missouri

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Vice President-General Manager
Grinnell, Iowa

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SYMBOLS

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Explanation of Symbols: C To signify a changed regulation. Public Service Commission.
D To signify a discontinued rate or regulation.
I To signify an increased rate.
N To signify a new rate or regulation.
R To signify a reduced rate.
T To signify a change in text but no change in regulation.

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PRIVATE LINE SERVICE TARIFFS

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A. APPLICATION OF TARIFF

1. This Tariff applies to interexchange Private Line Services furnished or made available by GTE North Incorporated, hereinafter referred to as the Telephone Company, and for Private Line Services furnished jointly with a connecting company, to the portion of such Private Line Services furnished by the Telephone Company to the point of connection with the service components of another company for which that company's rates and regulations apply, over service components wholly within or partly within the Local Access and Transport Area's (LATA's) of the State of Missouri, between two or more points, all of said points being within LATA's of the State of Missouri.

Intraexchange Private Line Services will be provided as set forth in Section 2, Local Private Line Services, of the Telephone Company's General Exchange Tariff.

The schedule of rates and specific regulations are set forth in this Tariff.

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PRIVATE LINE SERVICE TARIFFS

B. GENERAL REGULATIONS

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1. Undertaking of the Telephone Company

MAY 2 1988

a. Scope

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- (1) This Tariff section contains the ~~Public Service Commission~~ definitions governing Private Line Services furnished by the Telephone Company. The regulations of the connecting company apply to the portion of Private Line Services which it furnishes at "other line" charges.
- (2) Private Line Service is the furnishing of Telephone Company service components for communication between specified exchanges all within Local Access and Transport Area's (LATA's) of the State of Missouri, 24 hours daily, seven days per week. Service components may be those of the Telephone Company only or those of the Telephone Company and other telephone companies.
- (3) The Telephone Company does not undertake to transmit messages, but offers the use of its service components, where available, to customers for such purposes.
- (4) Services provided under this Tariff shall be used by private line customers for use in obtaining interexchange end-to-end Private Line Service. Interexchange Customers may use services found in this Tariff that will meet their administrative needs; however, an Interexchange ~~Customer is~~ restricted from utilizing services found in this Tariff to furnish a portion of their authorized service offerings.

b. Limitations

SEP 15 1994

- (1) In case a shortage of service components exists at any time either for temporary or protracted periods, the establishment of Message Toll Service and/or regular Exchange Telephone Service shall take precedence over all other services and uses.
- (2) The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Telephone Company and is, therefore, subject to the availability of such service components.

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B. GENERAL REGULATIONS

MAY 2 1988

1. Undertaking of the Telephone Company (Cont'd)

b. Limitations (Cont'd)

MISSOURI

Public Service Commission

- (3) The use and restoration of service shall be in accordance with the Federal Communications Commission's Rules and Regulations which specify the priority system for such activities.
- (4) Subject to compliance with Paragraph B.1.b(3), preceding, where a shortage of channels or equipment exists at any time, either for temporary; or protracted periods, the establishment of Message Toll Service and/or regular Exchange Telephone Service shall take precedence over all other services.

c. Liability

SEP 15 1994

- (1) In view of the fact that the customer has ~~exclusive control~~ of his communications over the service components furnished him by the Telephone Company and of the other uses for which service components may be furnished him by the Telephone Company, and because of unavoidable errors incidental to the services and to the use of such service components of the Telephone Company, the services and service components furnished by the Telephone Company are subject to the terms, conditions and limitations herein specified and to such particular terms, conditions and limitations as are set forth in other sections of this Tariff governing the respective services.
- (2) The liability of the Telephone Company for damages arising out of mistakes, omissions, interruptions, delays or errors of defects in transmission occurring in the course of furnishing service, whether the result of negligence of the Telephone Company or other causes shall in no event exceed an amount equivalent to the proportionate charge to the customer for the service during the period in which such mistakes, omissions, interruptions, delays, errors or defects in transmission occur and continue.

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B. GENERAL REGULATIONS

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1. Undertaking of the Telephone Company (Cont'd)

c. Liability (Cont'd)

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(2) (Cont'd)

However, any such mistakes, omissions, interruptions, delays, errors or defects in transmission or service which are caused or contributed to by the negligence or willful act of the customer, or which arise from or in connection with the use of customer-provided service components or premises equipment shall not result in the imposition of any liability whatsoever upon the Telephone Company.

- (3) The customer indemnifies and saves the Telephone Company harmless against claims for libel, slander or they infringement of copyright arising from the material transmitted over the service components, against claims for the infringement of patents arising from, combining with or used in connection with service components of the Telephone Company, apparatus and systems of the customer and against all other claims arising out of any act or omission of the customer in connection with the service components provided by the Telephone Company.

- (4) The Telephone Company does not guarantee nor make any warranty with respect to service components provided by it for use in any explosive atmosphere. The customer indemnifies and holds the Telephone Company harmless from any and all loss claims, demands, suits or other actions of any liability whatsoever whether suffered, made, instituted or asserted by the customer or by any other party or persons for any personal injury to or death of any person or person and for any loss, damaged or destruction of any property, whether owned by the customer or others, caused or claimed to have been caused directly or indirectly by the installation, operations, failure to operate, maintenance, removal, presence, condition, location or use of said service components so provided.

The Telephone Company may require each customer to sign an agreement for the furnishing of such service components as a condition precedent to the furnishing of such service components.

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B. GENERAL REGULATIONS

MAY 2 1988

1. Undertaking of the Telephone Company (Cont'd)

MISSOURI
Public Service Commission

c. Liability (Cont'd)

- (5) When the lines of connecting companies are used in establishing connections to points not reached by the Telephone Company's lines, the Telephone Company is not liable for any act or omission of the connecting company or companies.
- (6) The Telephone Company is not liable for any defacement of or damage to the premises of a customer resulting from the furnishing of channel service components or the attachment of the service components furnished by the Telephone Company on such premises or by the installation or removal thereof when such defacement or damage is not the result of negligence of the agents or employees of the Telephone Company.
- (7) The Telephone Company shall be under no liability for the quality or defects in voice recording where Telephone Company combined service components are used in making such recordings.

d. Provision of Service Components

SEP 17 1994

- (1) The Telephone Company or the Telephone Company and other telephone companies with which it jointly furnishes service will provide, maintain and repair all service components necessary for Private Line Service, except for those facilities on the customer's side of the network interface. Also, the customer must provide his own terminal equipment, communications systems or premises wiring for use with such service as specified in B.6.
 - (a) When a Private Line Service is used for teletypewriter transmission, the teletypewriter equipment will be provided by the customer.

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PRIVATE LINE SERVICE TARIFFS

B. GENERAL REGULATIONS

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1. Undertaking of the Telephone Company (Cont'd)

MAY 2 1988

d. Provision of Service Components (Cont'd)

MISSOURI
Public Service Commission

(1) (Cont'd)

(b) When a Private Line Service is used for data transmission which requires terminal equipment (data sets) not provided as an integral part of the channel, such data sets will be provided by the customer. With the customer providing his own data set(s) on a private line, it shall be the responsibility of the customer to ensure the continuing compatibility of such data set(s) with the service components furnished by the Telephone Company.

(c) Where Telephone Company-provided service components and customer-provided equipment and/or customer-provided premises wiring are connected to the same Private Line Service, the customer-provided equipment and/or customer-provided premises wiring must be compatible with the Telephone Company-provided service. The Telephone Company has the service responsibility up to the network interface on the customer's premises for the customer-provided equipment and/or customer-provided premises wiring.

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(d) IntraLATA Private Line Service is offered where existing service components and operating conditions permit.

(2) Maintenance and Repairs--All ordinary expenses of maintenance and repair associated with network facilities and equipment, unless otherwise specified in this Tariff, is borne by the Telephone Company. The customer agrees to take good care of the network equipment and facilities provided. In case of damage to or destruction of any of the Company's network equipment or facilities not due to ordinary wear and tear, the customer is held responsible for the cost of replacing the Company's network equipment destroyed or for the cost of restoring the Company's network equipment to its original conditions, except where such damage is not occasioned by the negligence of the customer.

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B. GENERAL REGULATIONS

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1. Undertaking of the Telephone Company (Cont'd)

d. Provision of Service Components (Cont'd)

- (3) The charges specified in this Tariff do not include installation, maintenance or repair work being performed by the Telephone Company employees involved at a time when overtime wages apply as a result of customer requests, nor do they include work once begun being interrupted by the customer.

If the customer requests that labor be performed at hours of the day or days of the week other than normal work hours or days, or on holidays, or interrupts work once begun, an additional charge based on the additional costs involved applies. Such charges do not apply if sufficient advance notice is given so that employees' work schedules can be changed. The additional charge does not apply to overtime or premium time worked at the Telephone Company's convenience.

In situations where the customer requests that "stand-by" Telephone Company personnel be provided for installation or maintenance irrespective of when such "stand-by" workmen are provided, the additional estimated costs of providing such "stand-by" personnel will be billed to the customer.

- (4) Service components furnished by the Telephone Company on the premises of a customer are the property of the Telephone Company, whose agents and employees shall have the right to enter said premises at any reasonable hour for the purpose of installing, inspecting or repairing the service components or upon termination of the service for the purpose of removing such service components.
- (5) When serving office boundary realignments are necessary at the discretion of the Telephone Company, those Private Line Services affected by the change will be reconfigured, and this may result in increases or decreases in charges. Any change in the charges billed to a private line customer will become effective when the service office area transfer is made.

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PRIVATE LINE SERVICE TARIFFS

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B. GENERAL REGULATIONS

MAY 2 1988

1. Undertaking of the Telephone Company (Cont'd)

e. Protective Equipment

MISSOURI
Public Service Commission

- (1) When a hazardous electrical environment is present at a customer's premises, protective equipment is required to protect all facilities affected when the estimated rise in ground potential is sufficient to cause damage to Telephone Company facilities or to endanger the safety of its employees or customers. The customer may elect to provide his own protective equipment, subject to Telephone Company specifications. The protective equipment may also be provided in accordance with Paragraph B.1.g following.

- (2) Neutralizing transformers, isolating transformers, drainage coils and other special protective equipment for use in providing service to customer's premises where there are high ground potentials, even though not required by Paragraph B.1.e(1), may be provided by the customer subject to Telephone Company specifications or in accordance with Paragraph B.1.g.

SEP 15 1994

f. Application for Private Line Service

BY

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- (1) Any applicant for Private Line Service may be required to sign an application requesting the Telephone Company to furnish the service in accordance with rates, charges, rules and regulations as specified in this Tariff.

- (2) The Telephone Company reserves the right to refuse service to any applicant who is found to be indebted to the Telephone Company for Private Line Service previously furnished until satisfactory arrangements have been made for the payment of such indebtedness.

The Telephone Company may also refuse to furnish service to any applicant desiring to establish service for former customers or previous customers of the Telephone Company who are indebted for Private Line Service until satisfactory arrangements have been made for the payment of such indebtedness.

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B. GENERAL REGULATIONS

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1. Undertaking of the Telephone Company (Cont'd)

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f. Application for Private Line Service (Cont'd)

MISSOURI

- (3) If Private Line Service is established and it is subsequently determined that either condition in Paragraph B.1.f(2) exists, the Telephone Company may suspend or disconnect such service on two day's written notice until satisfactory arrangements have been made for the payment of the prior indebtedness.

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g. Special Equipment and Arrangements

When the customer requests a service arrangement which requires the installation of special equipment or modification of standard equipment, and for which provision is not otherwise made in this Tariff, it can be furnished by the Telephone Company subject to additional regulations, rates and charges as specified for Special Service and Facilities in Section 2 of the Telephone Company's General Exchange Tariff.

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2. Use

A Private Line Service may be used for one or more of the purposes specified in Paragraph B.2.a, following.

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a. Authorized Use

A customer may use Private Line Services for one or more of the following purposes:

- (1) For the transmission of communications to or from the customer and relating directly to the customer's business.
- (2) For the transmission, to all stations simultaneously, of communications which relate directly to matters of common interest to the customer when those connected to the service are all in the same general line of business.
- (3) For the transmission of communications relating directly to the business of a subsidiary corporation(s) over which the customer exercises control through the ownership of more than 50 percent of the voting stock.

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PRIVATE LINE SERVICE TARIFFS

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B. GENERAL REGULATIONS

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2. Use (Cont'd)

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a. Authorized Use (Cont'd)

- (4) For the transmission of communication to or from any station on a service furnished to a department or agency of the United States Government when the head of the department or agency, or his duly authorized representative, notifies the Telephone Company in writing that the use is intended only for official United States Government business.
- (5) For the transmission of communications to, from, within and between air carriers where the customer is an aeronautical communications company licensed under the Aviation Services rules of the Federal Communications Commission to operate stations in the aeronautical mobile and fixed services.
- (6) Where the customer is an organized stock or commodity exchange for the transmission of communications to or from an exchange member located on the floor of such exchange and relating directly to the business of the member.
- (7) Where the use of the service relates to coordination or exchange of electrical pooled power for the transmission of communications between any two or more stations of such service or similar services furnished to others who are parties to the coordinating or exchange arrangement.
- (8) For the transmission of communications to, from and/or between users utilizing premises switching equipment within a Multiline Terminating System Area. The premises switching equipment may be furnished under a resold or shared arrangement.

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PRIVATE LINE SERVICE TARIFFS

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B. GENERAL REGULATIONS

2. Use (Cont'd)

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b. Unlawful Purposes

The service is furnished subject to the condition that it will not be used for any unlawful purpose. Service will be discontinued forthwith if any law enforcement agency, acting within its apparent jurisdiction, advises in writing that such service or channels are being used in violation of the law. The Telephone Company will refuse to furnish service when it has reasonable grounds to believe that such service will be used in violation of the law.

c. Resale of Use for Others

(1) Interexchange Private Line Services may be resold for the purpose of offering an intrastate communications service to others for a profit, subject to the following regulations:

(a) The resale of a Private Line Service may not encompass the conversion of that Private Line Service into Local Exchange Service, Message Toll Service, Wide Area Telephone Service or the equivalents thereof.

(b) Orders, including those which involve the start, rearrangement, release or discontinuance of service will be accepted by the Telephone Company only from the customer.

SEP 15 1994

d. Shared Use of Private Line Service

Interexchange Private Line Service may be shared in a long term arrangement between the customer and users subject to the following regulations:

(1) The customer may, but does not have to, use the Private Line Service.

(2) The customer is responsible for payment of all charges incurred, that are associated with the service utilized by the customer or sharing arrangement participants.

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PRIVATE LINE SERVICE TARIFFS

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B. GENERAL REGULATIONS

2. Use (Cont'd)

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d. Shared Use of Private Line Service (Cont'd)

- (3) The customer is responsible for compliance with Tariff regulations by each participant in a sharing arrangement.
- (4) The Telephone Company is not responsible for procuring participants for a sharing arrangement.
- (5) Sharing arrangements must be nonprofit. The total charges to all participants in a sharing arrangement may not exceed the sum of the Telephone Company's charges for the Private Line Service. The allocation of charges to each participant should be on a nonprofit pro-rata basis. Where the customer for a sharing arrangement is organized as a nonprofit entity, a not-for-profit fee, charges solely for the management, may be allocated by the customer among the sharing participants.
- (6) The Telephone Company shall not be responsible for the allocation of usage of, or charges for, shared Interexchange Private Line Service. Orders, including those which involve the start, rearrangement, release or discontinuance of service, will be accepted by the Telephone Company only from the customer.
- (7) Sharing of Private Line Service may not encompass the conversion of that Private Line Service into Local Exchange Service, Message Toll Service, Wide Area Telephone Service or the equivalents thereof.

3. Obligation of the Customer

a. Customer Responsibilities

In addition to other rules and regulations, the customer shall be responsible for:

- (1) Establishing his identity in the course of any communication as often as may be necessary.
- (2) Establishing the identity of the person or persons with whom connection is made at the called service point.

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PRIVATE LINE SERVICE TARIFFS

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B. GENERAL REGULATIONS

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3. Obligation of the Customer (Cont'd)

a. Customer Responsibilities (Cont'd)

- (3) Damages to service components of the Telephone Company caused by the negligence or willful act of the customer and not due to ordinary wear and tear or other causes beyond the control of the customer.
- (4) Reimbursing the Telephone Company for any loss through theft of the service components on the customer's premises.
- (5) The provision of appropriate power including the outlet and power wiring when the Telephone Company service components installed on the premises of a customer requires power for its operation.
- (6) Furnishing and maintaining poles and/or underground facilities on private property.
- (7) The provision, installation and maintenance of sealed conduit with explosive-proof fittings between service components furnished by the Telephone Company in explosive atmospheres and points outside the hazardous area where connection may be made with regular service components of the Telephone Company, and may be required to install and maintain Telephone Company service components within the hazardous area if, in the opinion of the Telephone Company, injury or damage to Telephone Company employees or property might result from installation or maintenance by the Telephone Company.
- (8) Obtaining permission for Telephone Company agents or employees to enter the premises of the customer at any reasonable hour for the purpose of installing, inspecting, repairing or, upon termination of the service, removing the service components of the Telephone Company.
- (9) Making all Telephone Company Private Line Service components available for maintenance purposes at a time agreeable to both the Telephone Company and the customer. No allowance will be made for the period during which the service is interrupted for such purposes.

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B. GENERAL REGULATIONS

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3. Obligation of the Customer (Cont'd)

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b. Rearrangements and Repairs

A customer may not rearrange, disconnect, remove or attempt to repair or permit others to rearrange, disconnect, remove or attempt to repair any service components installed by the Telephone Company, except upon the written consent of the Telephone Company.

c. Transfer of Service

Service furnished one customer may be assumed by a new customer upon due notice of cancellation or abandonment, provided there is no lapse in service. The new customer must assume all the obligations of the previous customer. Such transfers are not subject to service charges applicable for Private Line Services.

d. Intended Use

The purpose or purposes for which the Private Line Service is to be used must be made known to the Telephone Company at the time of application for service. In the event of a planned change in use of service, the customer will notify the Telephone Company, in writing, prior to the change.

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4. Payment Arrangements and Credit Allowances

a. Payment of Charges and Deposits

(1) Advanced Payments

Applicants for service or channels may be required to pay in advance of the establishment of service the installation charges applicable, together with any fixed charges applicable for the first month.

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B. GENERAL REGULATIONS

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4. Payment Arrangements and Credit Allowances (Cont'd)

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a. Payment of Charges and Deposits (Cont'd) Public Service Commission

(2) Payment for Service

The customer is responsible for payment of all charges for service components and services furnished to the customer, including any charges transferred to the customer's account where the customer has executed a Contract of Guaranty for applicant or a present customer. Upon nonpayment of any undisputed delinquent charge, the service may be disconnected in accordance with the provisions in Section 3 of the Telephone Company's General Exchange Tariff.

(3) Deposits

The Telephone Company may require an applicant or a present customer to post a deposit in accordance with the provisions in Section 3 of the Telephone Company's General Exchange Tariff.

b. Cancellation for Cause

The Telephone Company shall be authorized to discontinue service upon notice from any official charged with the enforcement of the law stating that such service is being used as an instrumentality to violate the law.

c. Minimum and Fractional Rates and Charges

- (1) The minimum service period is one month, except when the cost of special construction is such as to necessitate a longer contract period.
- (2) When rates are on a "per month" basis, the minimum charges will be for one month. If the period of use exceeds one month, the charges for the fractional part of a month following and consecutive with a full month will be a proportionate part of the monthly charges based on the actual number of days the service components are furnished. For the purpose of administering this regulation with respect to the determination of charges for a fractional part of a month, every month is considered to have 30 days.

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B. GENERAL REGULATIONS

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4. Payment Arrangements and Credit Allowances (Cont'd)

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c. Minimum and Fractional Rates and Charges (Cont'd)

Public Service Commission

- (3) In applying a rate involving a fraction of a cent, the fraction is carried through the entire computation of the charge for the service. When the charge so computed includes a fraction of a cent, a fraction of less than one-half cent is disregarded, and a fraction of one-half cent or more is treated as one cent.

d. Special Construction

- (1) Rates and charges for special construction will be provided as set forth in Section 3 of the Telephone Company's General Exchange Tariff.
- (2) Special construction is that construction undertaken:
- (a) Where service components are not presently available, and there is no other requirement for the service components so constructed.
 - (b) Of a type other than that which the Telephone Company would normally utilize in the furnishing of its services.
 - (c) Over a route other than that which the Telephone Company would normally utilize in the furnishing of its services.
 - (d) In a quantity greater than that which the Telephone Company would normally construct to serve the customer's needs.
 - (e) On a temporary basis until permanent service components are available.
 - (f) Involving abnormal costs.
 - (g) In advance of the normal construction on an expedited basis.

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B. GENERAL REGULATIONS

4. Payment Arrangements and Credit Allowances (Cont'd)

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d. Special Construction (Cont'd)

(3) A request for charges for special construction will be subject to a special Quotation Charge for the direct administrative and engineering costs associated with the preparation of that particular quotation. The amount of such charges will be credited to the account of the customer when an order for that particular special construction is received within 90 days of the quotation. The customer will authorize, through a designated representative, the request for a quotation before the Telephone Company undertakes any work involved in developing such quotations.

e. Change in Service Arrangement

The normal service charge per channel applies when changing from one type of Private Line Service to another type of Private Line Service.

f. Suspension of Service

Upon request of the customer, service will be suspended without cancellation at any time after the minimum period of service. Service will be suspended for a period of not less than two weeks, and billing shall continue at the full rate. For the purpose of this regulation, the minimum service period shall be computed from the initial establishment of service or from the date the service was last restored from suspension.

g. Temporary Surrender of a Service

When, at the request of the Telephone Company, a service is temporarily surrendered by the customer for other than maintenance purposes, credit will be allowed, the amount of which will be determined in the same manner as for an allowance for interruptions.

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B. GENERAL REGULATIONS

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4. Payment Arrangements and Credit Allowances (Continued) ^{Public Service Commission}

h. Allowances for Interruptions

If the service is interrupted other than by the negligence or willful act of the customer, an allowance as provided following, at the rate for that portion of the customer's service affected by the interruption, shall be made for the time such interruption continues after the fact is reported by the customer or detected by the Telephone Company.

- (1) No credit is allowed for interruption of less than 24 hours (except for interruptions pursuant to temporary surrender of service). Credit is allowed for the proportionate part of the monthly charge in multiples of one day for each 24 hours of interruption for the portion of the service rendered inoperative by reason of the interruption.
- (2) Message Toll Service furnished at a customer's request when his Private Line Service is interrupted is charged for at Message Toll Service rates.
- (3) For purposes of administering this regulation with respect to the determination of allowances for a fractional part of a month, every month is considered to have 30 days.

i. Cancellation of Application for Service

Where installation of service components other than those provided by special construction has been started prior to the cancellation, the charge specified in Paragraphs B.4.i(1) and B.4.i(2), following, whichever is lower, applies:

- (1) A charge equal to the estimated costs incurred in such installation less estimated net salvage.

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MISSOURI

4. Payment Arrangements and Credit Allowances (Cont'd) Public Service Commission

i. Cancellation of Application for Service (Cont'd)

- (2) The charges for the minimum period of the service ordered by the customer, as provided in this Tariff, plus the full amount of any termination charges applicable.

Installation of service components for a customer is considered to have started when the Telephone Company incurs any expense, including engineering, in connection therewith or in preparation therefore which would not otherwise have been incurred, provided the customer has placed an order with the Telephone Company for provision of service.

j. Miscellaneous Charge

(1) Restoration Priority Change

- (a) Upon receipt of certification in conformance with the Federal Communications Commission's Rules and Regulations which specify the priority system for restoration of Private Line Services, the Telephone Company will change the priority designation of a Private Line Service. The Restoration Priority Change Charge applies when the customer requests a change in the Restoration Priority after the service had been established or after the service has been ordered, but prior to start of service. No charge applies when the Restoration Priority certification is provided with the order to establish the service or when a Restoration Priority is discontinued.

Service
Charge

- Per Private Line Service.....\$21.60

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PRIVATE LINE SERVICE TARIFFS

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B. GENERAL REGULATIONS

5. Definitions

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Certain terms used generally throughout this Tariff are defined as follows:

Base Rate Area: The portion of the exchange area in which exchange service is furnished at scheduled rates for each class of service without mileage or construction charges.

Baud: Denotes a unit of signaling speed. It is the reciprocal of the time duration in seconds of the shortest signal element (mark or space) within a code signal. The speed in bauds is the number of signal elements per second.

Bit: A bit is the smallest unit of information in the binary system of notation.

Bridging: The connection of one or more channels in parallel with another channel without interrupting the continuity of the first channel.

Channel: Denotes a portion of a Private Line Service which is a path (or paths) for electrical communication between two or more network interfaces located on customer premises or between Telephone Company offices or between a network interface located on a customer's premises and a serving office. A channel may be furnished in such a manner as the Telephone Company may elect, whether by wire, radio, or a combination thereof and whether or not by means of a single physical service component or route.

Channel Terminal: The service components required to terminate an intraLATA interexchange channel at a serving office.

Communications Systems: Denotes channels and other service components which are capable, when not connected to Private Line Services, of two-way communications between customer-provided terminal equipment or Telephone Company service components.

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B. GENERAL REGULATIONS

5. Definitions (Cont'd)

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Connecting Arrangement: Denotes the service components provided by the Telephone Company to accomplish the direct electrical connection of customer-provided service components with the service components of the Telephone Company or the direct electrical connection of Telephone Company service components.

Connecting Company: A corporation, association, firm or individual owning and operating one or more exchanges and with whom traffic is interchanged.

Contract: The service agreement between a customer and the Telephone Company under which service components for communication between specified locations for designated periods, and for the use of the customer or user specifically named in the contract are furnished in accordance with the provisions of the Tariff.

Customer: The person, firm or corporation who orders service and is responsible for the payment of charges and the compliance with the rules and regulations of the Telephone Company. A customer must have a communication requirement of his own for each Private Line Telephone Service.

Customer-Provided Premises Wiring: Premises wiring provided by a customer for use with service components furnished by the Telephone Company for Private Line Service.

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B. GENERAL REGULATIONS

5. Definitions (Cont'd)

MISSOURI
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Customer Premises Equipment: Devices, apparatus and their associated wiring, provided by a customer or user for use with service components furnished by the Telephone Company for Private Line Service and does not include customer-provided communications systems.

Customer-Provided Test Equipment: Denotes test equipment located at the premises of the customer or user that is used by the customer or user for the detection and/or isolation of a communications service fault.

Data Access Arrangement: Denotes a protective connecting arrangement for use with the network control signaling unit or, in lieu of the connecting arrangement, an arrangement to identify a central office line and protective service components and procedures to determine compliance with criteria set forth in this Tariff.

Demarcation Point: That point at which the Telephone Company's responsibility for installation and maintenance on a tariffed basis ends and the customer's option to install and/or maintain inside wire begins.

Direct Electrical Connection: Denotes a physical connection of the electrical conductors in the communications path.

Distribution Center: Indicates amplifying and bridging equipment required to connect local sections to an interexchange section of that network.

Duplex Service: Denotes service which permits customer or users to communicate in both directions simultaneously.

Equalized: Denotes a procedure which provides for the component frequencies of the material transmitted having about the same relationship at the two ends of the channel.

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B. GENERAL REGULATIONS

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5. Definitions (Cont'd)

Exchange: Denotes a unit established by the Telephone Company or a connecting company for the administration of telecommunications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area.

Exchange Area: The area within which the Telephone Company will furnish complete telephone service at the exchange rates applicable within that area.

Foreign Exchange Service: Exchange Service furnished by means of a circuit connecting a customer's service point to a primary serving office of another exchange.

Half-Duplex Service: Denotes service which permits communications alternately in either direction, or for communication in one direction only, including bidirectional simultaneous transmission of tones required solely for control purposes or quick turnaround or synchronization.

Interexchange Channel: That portion of a Private Line Service which interconnects two primary serving offices in different exchanges within the same LATA.

Interexchange Customer(s) (IC): Denotes any individual, partnership, association, corporation or governmental agency or any other entity which subscribes to the services offered under the Facilities for Intrastate Access Tariff to provide intrastate telecommunications services for its own use or for the use of its customers (End Users).

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B. GENERAL REGULATIONS

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5. Definitions (Cont'd)

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Interexchange Service: A Private Line Service within the same LATA where the network interfaces located on customer premises are in different exchanges within the same LATA.

Interoffice Channel: That portion of a Private Line Service within the same LATA which interconnects interexchange channels with local channels.

IntraLATA: A Private Line Service where the network interfaces located on customer premises are wholly within a LATA as defined in this Tariff.

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Isochronous: Isochronous is transmission timing derived from the signal carrying the data. (i.e., No timing or clock lead is provided at the customer interface.)

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Local Access and Transport Area (LATA): The Local Access and Transport Area denotes a geographical area established for the administration of communications service. It encompasses designated local operating Telephone Company exchanges which are grouped to serve common social, economic and miscellaneous purposes.

Local Channel: That portion of a Private Line Service which interconnects a network interface located on a customer's premises to an interexchange channel.

Multipoint Service: Denotes a service arrangement which provides communication capability between more than two private line network interfaces within the same LATA constituting a common dedicated communications system.

Move: When used in connection with the application of move charges for Private Line Service, denotes a change in the physical location on different premises when made at the request of the customer, without discontinuance of service, of service components provided by the Telephone Company.

Multiline Terminating System Area: Denotes a premises or multipremises within the same building or continuous property in resold or shared use arrangements for customer premises switching equipment.

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B. GENERAL REGULATIONS

5. Definitions (Cont'd)

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Network Control Signaling: Denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status and charging signals), address signaling (e.g., dialing), calling and called number identification, audible tone signals (call progress signals indicating reorder or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of switching machines in the telecommunications systems.

Network Control Signaling Unit: Denotes the service components furnished, installed and maintained by the Telephone Company for the provision of network control signaling.

Network Interface: A point of minimum penetration on a customer's premises where the network service is electrically terminated. This physical interface or demarcation point is a standard registration jack or its equivalent which provides electrical isolation between the network and premises services and is defined for each type of Private Line Service. (See Demarcation Point.)

Other Line Charge: The charge applied by another telephone company for the portion of an intraLATA interexchange service which it furnishes. The "other line" charge added to the Telephone Company's charge for the portion of the intraLATA interexchange service which it furnishes is the through charge for the entire intraLATA interexchange service furnished jointly by the Telephone Company and other telephone companies.

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Other Telephone Company: See Connecting Company.

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B. GENERAL REGULATIONS

5. Definitions (Cont'd)

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Premises: All portions of the same building occupied by the same customer, provided that:

- The portions are not separated from each other by intervening offices, rooms or suites not occupied by the customer.
- The portions of different floors are contiguous and that the portion on the upper floor is directly above the portion occupied on the lower floor. All of the buildings are located on one continuous plot of property, all of which plot is owned and/or held under lease by the same customer, and the buildings are not separated by a public vehicular thoroughfare which is governmentally owned.

Primary Serving Office: That office in a single office service area or that office of a multi-office service area which is designated by the Telephone Company as the primary serving office. A primary serving office is also a serving office. In a service area where there is not physically located a serving office, a theoretical location has been established by the Telephone Company for billing purposes.

Private Line Service: Channels and other service components (when provided by the Telephone Company) provided solely for the use of a customer or user.

Service Area: An exchange.

Service Components: All the facilities and equipment of a Telephone Company, including all tangible and intangible real and personal property without limitation, and any and all means and instrumentalities in any manner owned, operated, leased, licensed, used, controlled, furnished or supplied for, by or in connection with the business of the Telephone Company, including any construction work in progress.

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B. GENERAL REGULATIONS

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5. Definitions (Cont'd)

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Service Point: Denotes the service components furnished by the Telephone Company at a location on a premises and connected for Private Line Service, or:

Denotes a point on a premises at which a Private Line Service is terminated where the service at that premises involves only channels furnished by the Telephone Company and the transmitting or receiving equipment, or combination transmitting and receiving equipment, is furnished by the customer.

Serving Office: The office in the service area from which a customer would normally be served for Local Exchange Telephone Service. Where the serving office is not located in the service area, a theoretical location has been established by the Telephone Company for billing purposes.

Serving Office Area: The specific area normally served by a serving office. A serving office area may be served in several ways, namely:

- By a single unit serving office with one telephone number prefix.
- By a multiple unit serving office with multiple telephone number prefixes.
- By a theoretical serving office with switching equipment located in another exchange, or serving office area. Such an area is also termed a "potential serving office area."

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5. Definitions (Cont'd)

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Telephone Company: GTE North Incorporated.

Termination: When used in connection with the application of termination charges for Private Line Services, denotes the discontinuance, either at the request of the customer or by the Telephone Company under its regulations concerning cancellation for cause, of service or service components provided by the Telephone Company.

6. Connections-General

a. General Provisions

- (1) Terminal equipment and communications systems may be connected at the customer's premises to Private Line Services furnished by the Telephone Company where such connections are made in accordance with applicable provisions of this Tariff.
- (2) The term "telecommunications services," when used in this Section, denotes Exchange Service, Message Toll Service (MTS) and Wide Area Telephone Service (WATS).

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b. Responsibility of the Customer

- (1) The customer shall be responsible for the operation and maintenance of customer-provided terminal equipment or communications system. No combination of Customer Premises Equipment or Communications Systems shall require a change in or alteration of service components of the Telephone Company, cause electrical hazards to Telephone Company personnel, damage to Telephone Company service components, malfunction of Telephone Company billing equipment or degradation of service to persons other than the user of the subject terminal equipment or communications system, his calling or called party. Upon notice from the Telephone Company that a Customer Premises Equipment or Communications System is causing such hazard, damage, malfunction or degradation of service, the customer shall make such change as shall be necessary to remove or prevent such hazard, damage, malfunction or degradation of service.

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B. GENERAL REGULATIONS

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6. Connections-General (Cont'd)

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b. Responsibility of the Customer (Cont'd) Public Service Commission

- (2) The customer shall be responsible for the payment of a charge of \$25.00 for each repair visit to a premises of the customer or user or the premises of any other customer where the service difficulty or trouble results from the use of equipment or service components provided by the customer or user.

c. Responsibility of the Telephone Company

- (1) Private Line Services are not represented as adapted to the use of the customer or interexchange customer-provided terminal equipment or communications systems. Where such terminal equipment or communications systems are used with Private Line Services, the responsibility of the Telephone Company shall be limited to the furnishing of service components suitable for Private Line Services and to the maintenance and operation of service components in a manner proper for such services. Subject to this responsibility, the Telephone Company shall not be responsible for (1) the through transmission of signals generated by the Customer Premises Equipment or Communications Systems or for the quality of, or defects in, such transmission, or (2) the reception of signals by Customer Premises Equipment or Communications Systems or (3) address signaling where such signaling is performed by customer-provided signaling equipment.
- (2) The Telephone Company will, at the customer's request, provide information concerning interface parameters, including the number of ringers which may be connected to a particular line, needed to permit Customer Premises Equipment to operate in a manner compatible with the telecommunications network.

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B. GENERAL REGULATIONS

6. Connections-General (Cont'd)

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c. Responsibility of the Telephone Company (Cont'd)

- (3) The Telephone Company may make changes in its telecommunications network, service components, operations or procedures, where such action is not inconsistent with the Federal Communications Commission's Rules and Regulations. If such changes can be reasonably expected to render any customer's terminal equipment or communications system incompatible with the telecommunications network, or require modification or alteration of such Customer Premises Equipment or Communications Systems, or otherwise materially affect its use or performance, the customer or interexchange customer will be given adequate notice in writing to allow the customer an opportunity to maintain uninterrupted service.

d. Recording of Two-Way Telephone Conversations

Private Line Services are not represented as adapted to the recording of two-way telephone conversations. When customer-provided voice recording equipment is used with a Private Line Service which is connected to telecommunications services, the provisions relating to Recording of Two-Way Telephone Conversations are as set forth in Section 10 of the Telephone Company's General Exchange Tariff.

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e. Violation of Regulations

When any customer or interexchange Customer Premises Equipment or Communications System is used with Private Line Services in violation of any of the provisions in this Section, the Telephone Company will take such immediate action as necessary for the protection of the telecommunications network and Telephone Company employees and will promptly notify the customer of the violation. The customer shall take such steps as are necessary to discontinue such use of the terminal equipment or communications system or correct the violation and shall confirm in writing to the Company within 10 days following the receipt of written notice from the Company that such use has ceased or that the violation has been corrected. Failure to discontinue such use or to correct the violation and to give the required written confirmation to the Telephone Company within the time stated above shall result in suspension of the customer's service until such time as there is compliance with provisions of this Tariff.

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B. GENERAL REGULATIONS

6. Connections-General (Cont'd)

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f. Connection of Service Components Furnished by the Customer Which
Involve Hazardous or Inaccessible Locations

Service Components furnished by the customer which involve
hazardous or inaccessible locations may be connected with Private
Line Service furnished by the Telephone Company. Such service
components furnished by the customer must comply with the minimum
protection criteria contained in Paragraph B.7.e, following.

7. Connections of Customer Premises Equipment and Communications Systems

a. General

- (1) Connecting arrangements are not required and minimum
protection criteria are not applicable where Customer
Premises Equipment or Communications Systems are connected
with the following channels when such channels are used for
the types of transmission specified herein due to the nature
of the service provided and/or the type of channels and
equipment used:

- Series 100
- Series 200
- Series 400
- Channels for Program Transmission in Loudspeaker and Sound Recording
- Video Channels (Provided via Special Assembly Request for Closed Circuit TV)

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Connection with
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- (2) When the Customer Premises Equipment or Communications System
is connected with Private Line Service furnished by the
Telephone Company and such Private Line Service is not
arranged for connection to telecommunications services, such
connections shall be made to a network interface provided by
the Telephone Company.

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B. GENERAL REGULATIONS

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7. Connections of Customer Premises Equipment and Communications Systems
(Cont'd)

a. General (Cont'd)

(3) When the Customer Premises Equipment or Communications System is connected with Private Line Service furnished by the Telephone Company and such Private Line Service is arranged for connection to telecommunications services:

(a) Except as otherwise specified in Paragraph B.7.d(1)(d), following, such connections shall be made through a connecting arrangement as provided in Paragraph B.7 and

(b) The connection shall be such that the functions of the network control signaling (except customer-provided tone-type address signaling through a Telephone Company-provided connecting arrangement) are performed by service components furnished by the Telephone Company.

(4) Customer Premises Equipment or Communications Systems connected pursuant to Paragraphs B.7.a(2) or (3) preceding, must comply with the minimum protection criteria specified in Paragraph B.7.e, following.

b. Data Terminal Equipment

(1) Direct Electric Connection

(a) Customer-provided data terminal equipment which involves direct electrical connection to service components furnished for Private Line Service by the Telephone Company may be used with such service components for such purpose under the conditions set forth below:

[1] The customer shall be responsible for ordering and specifying the type channel and the channel conditioning for operation with data processing equipment provided by the customer. The undertaking of the Telephone Company is to furnish the type channel and channel conditioning as ordered and specified by the customer.

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B. GENERAL REGULATIONS

7. Connections of Customer Premises Equipment and Communications Systems
(Cont'd)

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b. Data Terminal Equipment (Cont'd)

(1) Direct Electric Connection (Cont'd)

[2] Except as otherwise specified in Paragraph B.7.b(1)(a)[3] following, when the connection of customer-provided data terminal equipment requires the use of data sets, the data sets will be provided by the customer. With the customer providing his own data set(s) on a given Private Line Service, it shall be the responsibility of the customer to ensure the continuing compatibility of such data set(s) with the service components furnished by the Telephone Company.

[3] To protect the telecommunications network, the connection of customer-provided data terminal equipment to Private Line Service provided by the Telephone Company, when such Private Line Service is arranged for connection to telecommunications services, shall be through a connecting arrangement as described below:

DATAPHONE Data Sets

SEP 15 1994

With the customer providing data terminal equipment and the DATAPHONE Data Set, the Telephone Company will provide equipment to perform the function of:

- Conditioning the data signals generated by the customer-provided equipment to signals suitable for transmission by means of Telephone Company service components.
- Conditioning signals transmitted by means of Telephone Company service components to data signals suitable for reception by customer-provided equipment, and
- Network control signaling when required in accordance with Paragraph B.7.b(1)(a) and Paragraph B.7.e following.

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B. GENERAL REGULATIONS

7. Connections of Customer Premises Equipment and Communications Systems
(Cont'd)

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b. Data Terminal Equipment (Cont'd)

(1) Direct Electric Connection (Cont'd)

Data Access Arrangement

With the customer providing and using data terminal equipment through a data access arrangement, the customer shall furnish the equipment which performs the functions of data signal conditioning referred to above, and the Telephone Company shall furnish the data access arrangement for use with the network control signaling unit.

- [4] With the data access arrangement being furnished with Customer Premises Equipment and such premises equipment is used for both voice and data communications, the data access arrangement will be used to connect the Customer Premises Equipment for voice communication.

c. Voice Terminal Equipment

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- (1) Customer-provided voice terminal equipment may be connected at the customer's premises to Private Line Service in accordance with the following when such Private Line Service is arranged as provided in Paragraph B.7.a(3), preceding.

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- (a) The connection shall be made through a network control signaling unit and a connecting arrangement furnished by the Telephone Company.
- (b) With the data access arrangement being furnished in connection with Customer Premises Equipment and such premises equipment is used for both voice and data communication, the data access arrangement will be used to connect the Customer Premises Equipment for voice communication.

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B. GENERAL REGULATIONS

7. Connections of Customer Premises Equipment and Communications Systems
(Cont'd)

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d. Communications Systems

- (1) Customer-provided communications systems may be connected to Private Line Service in accordance with this paragraph. These communications systems (including channels derived from such systems) not exceeding voice grade may be connected at the customer's premises where the customer has a regular and continuing requirement for the origination or termination of communications over the customer-provided communications systems provided that:

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- (a) The normal mode of operation of the customer provided communications systems shall be to provide communications originating or terminating at the premises on which the connection is made.

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MISSOURI

- (b) The connection shall be made through switching equipment provided by the customer.
- (c) The connection shall be to channels of voice grade or less or to channels created therefrom in accordance with the provision of Paragraph B.7.f, following.
- (d) When the Private Line Service is arranged as provided in Paragraph B.7.a(3), preceding, the connection is made through:

A connecting arrangement provided by the Telephone Company, or

Customer provided connecting equipment or system which meets the minimum protection criteria as set forth in Paragraph B.7.e, following.

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7. Connections of Customer Premises Equipment and Communications Systems
(Cont'd)

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d. Communications Systems

(1) (Cont'd)

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- (e) When customer-provided communications systems are 93-1 connected to Private Line Services that have been arranged as a mission provided in Paragraph B.7.a(3) preceding, and the connection is through a Telephone Company-provided connecting arrangement, no further action is required. However, when a customer elects to connect a communications system to Private Line Service and the equipment, system or protective circuitry through which the connection is made does not provide protection for signal power control, the customer must comply with the following:

The customer-provided communications system must be installed, operated and maintained so that the signal power (within the frequency range of 200-4000 Hertz) at the Private Line Service network interface continuously complies with the Federal Communications Commission's Rules and Regulations.

e. Minimum Protection Criteria for Electrical Connection

- (1) Since Private Line Services utilize Telephone Company channels and service components in common with other services, it is necessary in order to prevent excessive noise and crosstalk that the power of the signal applied to the Telephone Company Private Line Service is individually engineered. A single-valued limit for all applications cannot be specified. Therefore, the power of the signal in the band above 300 Hertz which may be applied by the customer-provided equipment to the network interface will be specified by the Telephone Company for each application to be consistent with the signal power allowed on the telecommunications network.

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B. GENERAL REGULATIONS

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7. Connections of Customer Premises Equipment and Communications Systems
(Cont'd)

e. Minimum Protection Criteria for Electrical Connection (Cont'd)

- (2) To protect other services, it is necessary that the signal which is applied by the customer-provided equipment to the Telephone Company network interface located on the customer's premises meet the following limits:
 - (a) The power in the band from 3,995 Hertz to 4,005 Hertz shall be at least 18dB below the power of the signal as specified in Paragraph B.7.e(1) above.
 - (b) The power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt.
 - (c) The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24dB below one milliwatt.
 - (d) The power in the band from 25,000 Hertz to 40,000 Hertz shall not exceed 36dB below one milliwatt.
 - (e) The power in the band above 40,000 Hertz shall not exceed 50dB below one milliwatt.
- (3) Where there is connection to telecommunications services to prevent the interruption or disconnection of a call or interference with network control signaling, it is necessary that the signal applied by the customer-provided equipment to the Telephone Company network interface located on the customer's premises at no time has energy solely in the 2450 to 2750 Hertz band. If signal power is in the 2450 to 2750 Hertz band, it must not exceed the power present at the same time in the 800 to 2450 Hertz band.

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7. Connections of Customer Premises Equipment and Communication Systems
(Cont'd)

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e. Minimum Protection Criteria for Electrical Connection (Cont'd)

(4) With Customer Premises Equipment being utilized, signals having components in the frequency spectrum below 300 Hertz, excluding ringing signals, the currents and voltages (including all harmonics and spurious signals) at the network interface shall not exceed the limits indicated below:

(a) The maximum rms (root-mean-square) value, including dc and ac components of the current per conductor will be specified by the Telephone Company, but in no case will the specified value exceed 0.35 ampere.

(b) The magnitude of the peak of the conductor to ground voltage shall not exceed 70 volts.

(c) The conductor-to-conductor voltage shall not exceed the conductor-to-ground voltage limit in (b) above. If the signal source is not grounded, the voltage limit in (b) above, applies to the conductor-to-conductor voltage.

(d) The total weighted rms voltage within the band from 50 Hertz to 300 Hertz shall not exceed 100 volts. The total weighted rms voltage is the square root of the sum of the products of the weighting factors for the individual frequency components times the square of the rms voltage of the individual frequency components. The weighting factors are as indicated below:

<u>for frequencies between</u>	<u>weighting factor</u>
50 Hertz and 100 Hertz	$f^2/10^4$
100 Hertz and 300 Hertz	$f^{3.3}/10^{6.6}$

where f is the numerical value of the frequency in Hertz, of the frequency component being weighted.

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B. GENERAL REGULATIONS

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7. Connections of Customer Premises Equipment and ~~Public Service Commission~~
(Cont'd)

f. Channel Derivation Devices

Customer-provided channel derivation devices which are used to
create additional channel in accordance with the following may be
connected to Private Line Services.

- (1) Subject to the normal transmission characteristics of the
Private Line Service ordered, the customer may create
additional channels from the service ordered through the use
of channel derivation equipment located at his premises.
Channel derivation equipment can be used with any service.
- (2) The Telephone Company makes no representation as to: the
suitability of the channels it provides for such subdivision
into additional channels by derivation equipment or the
suitability of the resultant derived channels for any
communications purpose.

8. Connection of Services Furnished by the Telephone Company to Different
Customers

a. A Private Line Service furnished to a customer may be connected:

- With a Private Line Service furnished to a branch or agency
of the United States Government for the purposes specified
under (1) and (2) following, provided such connection is
authorized by the branch or agency to whose service the
connection is made and connections are made by means of
connecting or switching arrangements furnished by the
Telephone Company, or
- With a Private Line Service, Message Toll Service, Local
Exchange Service or WATS access line furnished to a different
customer.

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B. GENERAL REGULATIONS

8. Connection of Services Furnished by the Telephone Company to Different Customers (Cont'd)

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a. A Private Line Service furnished to a customer may be connected:
(Cont'd)

- When connections involve (1) channels for program transmission in connection with loudspeaker and sound recording (2) channels of voice grade or less when these are furnished for data transmission to one customer with connection to channels created by another customer or (3) teletypewriter private lines furnished to the U.S. Army which may be connected to Associated Press and United Press and United Press International private lines for teletypewriter transmission, used in establishing an Emergency Action Notification System.

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Connections, as specified above, will be provided only when the same types of channels are connected and the same forms of electrical communication are used over the connected channels.

(1) Where the private line service is furnished to the Government for teletypewriter transmission for the collection and dissemination of (a) weather information (b) miscellaneous airways information pertaining to the supervision of the flight of aircraft along the civil airways, or (c) agricultural and farm market information, connection may be made as follows:

- (a) Receiving-Only Service - for reception to weather and miscellaneous airways information and agricultural and farm market information transmitted over the Government service to which it is connected.
- (b) Sending and Receiving Service - for transmission of flight plans to and acknowledgment of such plans from the Government service to which connection is authorized.

(2) Where the private line utilizes a voice grade data channel and is furnished to the Government for data transmission for the collection and dissemination of weather information and for the collection and dissemination of data relating to national defense, connection may be made for such purposes.

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8. Connection of Services Furnished by the Telephone Company to Different Customers (Cont'd)

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(3) Channels of voice grade or less furnished by the Telephone Company to one customer may be connected to channels created by another customer from a channel in accordance with Paragraph B.7.f preceding; channels have been created by the other customer.

(4) Private lines for teletypewriter transmission furnished to the U.S. Army may be connected to private lines for teletypewriter transmission to the Associated Press and United Press International for the purpose of establishing an Emergency Action Notification System provided that said customers agree to such connections. Connections ~~would be~~ made by means of service components provided by the Telephone Company.

9. Connections of Services Furnished by the Telephone Company with Services of Interexchange Customers.

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a. The connection of Private Line Services and service components furnished by the Telephone Company with services of an interexchange customer(s) shall be in accordance with the rules and regulations found in the Facilities for Intrastate Access Tariff and in this Tariff.

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10. Connection of Services Furnished by the Telephone Company to the Same Customer

A Private Line Service furnished by the Telephone Company may be connected to another private line furnished by the Telephone Company or by the Telephone Company and its interexchange customers or to another service provided by the Telephone Company as specified following:

a. A Private Line Service may be connected to another private line if the forms of electrical communication for which they are being used are the same. These private lines may be connected at the premises of the customer, with a common service point, on both private lines.

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B. GENERAL REGULATIONS

10. Connection of Services Furnished by the Telephone Company to the Same Customer (Cont'd)

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a. (Cont'd)

All connections will be made through connecting arrangements furnished in connection with channel switching arrangements provided by the Telephone Company or through switching equipment provided by the customer.

- b. Channels created by the customer in accordance with the provisions of Paragraph B.7.f preceding, may be connected at the customer's premises:

To channels of voice grade or less and furnished by the Telephone Company, and the channels created therefrom as authorized in Paragraph B.7.f preceding.

The connection of channels specified above is subject to the regulations contained in this Tariff.

- c. A voice grade Private Line Service for voice communication or other types of voice grade channels, when used alternately for voice transmission and when in the voice mode, may be connected at a PBX or other switching or connecting arrangements to Message Toll Service, Local Exchange Service or WATS access lines to form a through connection over the private and exchange lines where service component conditions permit. It is not contemplated that more than one such type of connection will be established simultaneously, and transmission is not represented as adapted to such connections.

When a two-point Private Line Service or a multipoint Private Line Service arranged for service solely between two points utilizing the above type channels is used for transmission of data, through connections over the private and exchange lines may also be established as described above.

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10. Connection of Services Furnished by the Telephone Company to the Same Customer (Cont'd)

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- d. Channels of less than voice grade may be connected at the customer's premises to Message Toll Service, Local Exchange Service or a WATS access lines through switching equipment provided by the customer or through Telephone Company service components. The connection shall be through a data set or a data access arrangement and shall be such that the function of network control signaling is performed by service components furnished, installed and maintained by the Telephone Company.

11. Connections of Customer-Provided Test Equipment

Customer-provided test equipment may be connected to those Private Line Services specified in Paragraph B.7.a(2), (3) and (4) preceding, at the premises of the customer either (a) directly at the Private Line Service interface or (b) through other equipment, provided that the minimum protection criteria specified in Paragraph B. ~~CANCELLED~~ preceding, is continually met at the Private Line Service interface.

12. Special Taxes, Fees and Charges

a. General

- (1) There shall be added to the customer's bill or charge, as a part of the rate for service, a surcharge, equal to the prorata share of any franchise, occupation, business, license, excise, privilege, or other similar tax, fee or charge (hereafter called "tax") now or hereafter imposed upon the Telephone Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due or to hereafter become due.

- (2) On and after the effective date thereof, any subsequent increase, decrease, imposition or determination of liability for such taxes, fees or charges, as described above, shall be applied in the manner provided below, to the customer's bill or charge on each individual billing date.

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12. Special Taxes, Fees and Charges (Cont'd)

a. General (Cont'd)

(3) When such tax or taxes are imposed in terms of a flat sum payment of money, the surcharge applicable to each customer's bill or charge, as the prorata share of such taxes described above, shall be determined by relating the flat sum payment to the total local exchange revenues within the jurisdiction of the taxing body; the fraction so described shall be converted to a percentage; the local exchange rate shall be increase by that percentage and applied to the customer's bill or charge so that the amount added, when accumulated from all customers residing in the geographic jurisdiction of the body, will equal the amount of the flat sum payment.

(4) When such tax or taxes are imposed in terms of a percentage of revenues or gross receipts, the surcharge applicable to each customer's bill or charge as the prorata share of such taxes described above shall be determined by dividing the tax expressed as a percentage by 100 percent minus the tax expressed as a percentage and multiplying the decimal thus obtained by the customer's charges to which such tax applies.

$$\left(\frac{\text{Tax}\%}{100\% - \text{Tax}\%} \right) \times \text{Taxable Charges}$$

(5) The Tariff charge constituting the amount of the surcharge provided for herein shall be stated separately on each customer's bill.

(6) Where more than one tax, fee or charge is imposed by a taxing body or authority, the total of such surcharge applicable to a customer may be billed to the customer as a single amount.

13. Method of Applying Rates

a. The method of applying rates for intraLATA interexchange Private Line Service involving two-point and multipoint service for Series 100, Series 200, Series 300* and Series 400 are determined as follows:

*Obsolete--applicable to existing installations at existing locations for existing customers.

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B. GENERAL REGULATIONS

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13. Method of Applying Rates (Cont'd)

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a. (Cont'd)

(1) Local Channel

Two-Point

A local channel charge shall apply for the first channel termination, per service, involved on a customer premises. The following have only one local channel: 414B, 414C, 415, 417A, 417B and 432.

Multipoint

In addition to applicable Private Line Service Charges, a bridging charge, per channel bridged, applies when three or more voice grade channels connect at the same location. Bridging charges do not apply to Foreign Exchange ~~and Type~~ 312**, 415, 417A, 417B, 432 and 437.

(2) IntraLATA Interoffice Channel*

Two-Point

Intraexchange - When the network interfaces of an intraLATA intraexchange Private Line Service are located in different serving office areas, interoffice mileage charges apply. Charges are based on the Vertical and Horizontal (V-H) distance between the serving offices.

Interexchange - When the network interface of an intraLATA interexchange Private Line Service is located in an area served by a serving office that is not also the primary serving office, interoffice mileage charges apply. Charges are based on the V-H distance between the primary serving office and serving office.

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*Fractional V-H miles are to be considered whole V-H miles.
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B. GENERAL REGULATIONS

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13. Method of Applying Rates (Cont'd)

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(a) (Cont'd)

Multipoint

Each channel connecting primary serving offices is considered a separate channel for which mileage is independently computed. Mileage will be charged in a manner that results in the lowest possible total interexchange channel charges unless the customer requests special routing. Bridging charges per channel bridged apply when three or more voice grade channels connect at the same location. Bridging charges do not apply to Foreign Exchange and Types 312*, 415, 417A, 417B, 432 and 437.

(3) Channel Terminals

Channel terminal charges apply at each termination of an intraLATA interexchange channel.

(4) IntraLATA Interexchange Channel*

When the network interfaces of a Private Line Service are located in different exchanges all within the same LATA, interexchange mileage charges apply.

Each exchange has one primary serving office. Charges are based on the V-H distance between primary serving offices.

Interexchange mileage between a Telephone Company primary serving office and a point of connection with the service components of another telephone company where "other line" charges apply shall be the maximum V-H distance between the primary serving office.

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B. GENERAL REGULATIONS

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13. Method of Applying Rates (Cont'd)

b. Exceptions

In those cases where one customer premises involved in an intraLATA interexchange Private Line Service is located in a different Local Exchange Telephone Company's operating territory than the other premises location(s) associated with the service, the method of applying rates will be as follows:

- (1) The service components for that portion of the intraLATA interexchange Private Line Service located wholly within each exchange, will be rated pursuant to that Local Exchange Telephone Company's tariff.
- (2) The rate for the applicable intraLATA interexchange per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Telephone Company's per mile rate for the airline (V-H) mileage between the primary serving office of each Local Exchange Telephone Company.

c. Bridging

Bridging charges per channel bridged apply when three or more voice grade channels connect at the same location. Bridging charges do not apply to Foreign Exchange and Types 312*, 415, 417A, 417B, 423 and 437.

d. Service Charges

A charge applies per point of termination installed or removed as provided in Section C following.

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B. GENERAL REGULATIONS

13. Method of Applying Rates (Cont'd)

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e. Special Routing of Channels

The Private Line Services furnished under this Tariff are provided over such routes as the Telephone Company may elect.

Special routing is involved where, in order to comply with requirements specified by the customer, the Telephone Company furnishes the Private Line Service via serving offices and/or primary serving offices other than those through which the service would normally be routed.

Each channel connecting serving offices and/or primary serving offices is considered a separate channel for which charges are independently computed as provided in Section C. **CANCELLED**

Special Routing will be provided only where suitable service components are available.

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f. Determination of V-H Mileages

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- (1) Obtain the "V" and "H" coordinates for each primary serving office or serving office.
 - (2) Obtain the difference between the "V" coordinates of the two primary serving offices or serving offices. Obtain the difference between the "H" coordinates.

NOTE: The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.

- (3) Square each difference obtained in (2) above.
- (4) Add the squares of the "V" differences and the "H" differences obtained in (3) above.
- (5) Divide the sum of the squares obtained in (4) above by 10.
- (6) Obtain the square root of the result obtained in (5) above. This is the rate distance in miles (fractional miles being considered as full miles). **FILED**

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C. SERVICES AND RATES

1. General

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- a. In addition to the regulations set forth in the General Regulations Section of this Tariff applicable to Private Line Services, additional regulations are set forth throughout this Section.
- b. Channels are classified by series and further classified within each series by types. The various series and types are described in terms of circuit characteristic and/or use.
- c. The customer is responsible for the selection of the service, i.e., type of circuit signaling options, jacks and terminating interfaces required to meet his needs. The customer premises equipment, station apparatus and premises wiring must be compatible with the service provided by the Telephone Company. The Telephone Company has overall responsibility for the Private Line Service (up to the demarcation point or the customer premises at which the interface appears), including the selection of all local channels.
- d. Exchange rates, rules and regulations apply for the exchange portion of the total service when Private Line Services are used in connection with Exchange Services or are connected to Exchange Services.

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2. Description of Services

a. Special Signaling Service - Series 100

- (1) These channels are suitable for use with Two-Point or Multi-Point Service within the same LATA subject to the number of point limitations indicated for each type and are provided for use with customer-provided power and signaling equipment and other special signaling services.
- (2) Type 102 service is provided on an intraLATA interexchange two-point or multi-point (maximum of 26 points) basis.

Service is restricted to no more than three serving offices, including the serving office on the central station all within the same LATA.

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C. SERVICES AND RATES

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2. Description of Services (Cont'd)

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a. Series 100 (Cont'd)

(3) Transmission characteristics of Type 102 are as follows:

- (a) Type 102 service has a two-wire interface with two-wire service components suitable for low-speed, unidirectional series-operated signaling and may be implemented by either metallic channels or by other means at the Telephone Company's option. Transmission parameters are set forth in the GTE Technical Interface Reference Manual.

(4) Rates IntraLATA Interexchange Type 102

	Monthly Rate	Service Charge
(a) Local Channel, each, per first termination on a premises		
Type 102 (1L3QY)(1LMCY).....	\$17.65	\$240.00
(b) Interoffice Channel, each V-H mile, or fraction thereof		
Type 102 (1L3QS)(1LMCS).....	.50	None
(c) Interoffice Channel Terminal, per terminal (Two required per interoffice channel)		
Type 102 (OXNTS)(OXNSS).....	11.10	None
(d) Interexchange Channel per V-H mile or fraction thereof		
Type 102 (1L3Q4)(1LMC4)	3.65	None

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mission

Monthly Rate

0 to 250 miles Each additional
each mile mile over 250

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C. SERVICES AND RATES

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2. Description of Services (Cont'd)

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a. Series 100 (Cont'd)

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(4) Rates IntraLATA Interexchange Type 102 (Cont'd)

Monthly
Rate

Service
Charge

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- (e) Interexchange Channel
terminal, each (two required
per interexchange channel)

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Type 102 (OXN3S)(OXN2S)..... 33.65

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b. Sub-Voice Grade Service-Series 200

- (1) Sub-Voice Grade service provides, and is designed for
transmission of low speed data at rates up to 75 and up to
150 baud within certain technical specifications. These
channels are furnished for half-duplex and duplex operation.
The service is not suitable for the transmission of
alternating current tones.
- (2) The types of local channels and the transmission
characteristics offered for termination at a premises for
termination in customer premises equipment and systems are as
follows:
- (a) Type 250 - An interface engineered for binary signals at
rates up to 75 baud, 20 ± 1 or 62.5 ± 2.5 milliamperes
neutral signals*. The terminal equipment shall deliver
no more than 8 percent telegraph distortion and shall be
capable of processing received data signals with up to
35 percent telegraph distortion.

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*The Telephone Company has the option of providing 20 or 62.5 milliamperes and
will notify the customer of the current level to be supplied. The Telephone
Company will supply the line voltage and provide for the current adjustment.
The maximum open circuit voltage across the send data leads at the interface
will not exceed 270 volts.

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C. SERVICES AND RATES

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2. Description of Services (Cont'd)

b. Series 200 (Cont'd)

(2) (Cont'd)

(b) Type 251 - EIA standard RS232C type interface engineered for binary signals at rates up to 150 baud and the terminal equipment shall deliver no more than 5 percent telegraph distortion and shall be capable of processing received data signals with up to 40 percent telegraph distortion.

(c) Type 250 and Type 251 channels are furnished for teletypewriter, data, supervisory control and miscellaneous signaling use.

(3) Parameters and Specifications for Sub-Voice Grade Local Channels used with Customer Premises Equipment (CPE), as Specified above.

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BASIC PARAMETERS

SPECIFICATION OR LIMIT

Channel Signals

Local Channels used with CPE - as specified above BY SEP 15 1994 93-1
Note that the specifications of channel signals refer to the Commission requirement of the total service offering and not the individual local channel.

Channel Distortions

Local Channels used with CPE - as specified above.
Note that the specifications for channel distortion refer to the requirement of the total service offering and not the individual local channel.

Power Requirement For up to 75 Baud Type - Where the Telephone Company provides transmission equipment at the interface. Customer must provide a source of continuous 117 volt, 60 Hz ac power by means of a nonswitched outlet. For up to 150 Baud - Customer must in all cases provide a source of continuous 117 volt, 60 Hz ac power, nonswitched outlet.

The Telephone Company will in all cases supply all voltage and current adjustments to the local channel. JUL 1 1988
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C. SERVICES AND RATES

2. Description of Services (Cont'd)

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b. Series 200 (Cont'd)

(4) Rates IntraLATA Interexchange

		<u>HALF DUPLEX</u>		<u>DUPLEX</u>		
		<u>Monthly Rate</u>		<u>Monthly Rate</u>		<u>Service Charge</u>
(a) Local Channel, each per first termination on a premises						
Type 250	(1LYDY)	23.65	(1LYKY)	41.20		300.00
	(1L6BY)		(1L6DY)			
	(1L3AY)		(1L3CY)			
	(1LMFY)		(1LMDY)			
Type 251	(1LYDY)	43.85	(1LYKY)	59.90		300.00
	(1L6BY)		(1L6DY)			CANCEL
	(1L3AY)		(1L3CY)			
	(1LMFY)		(1LMDY)			
(b) Interoffice Channel, each V-H mile, or fraction thereof, per channel.						
Type 250	(1LYDS)	3.80	(1LYKS)	6.75		None
	(1L3AS)		(1L3CS)			
	(1L6BS)		(1L6DS)			
	(1LMFS)		(1LMDS)			
Type 251	(1LYDS)	3.80	(1LYKS)	6.75		None
	(1L3AS)		(1L3CS)			
	(1L6BS)		(1L6DS)			
	(1LMFS)		(1LMBS)			

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

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b. Series 200 (Cont'd)

(4) Rates IntraLATA Interexchange (Cont'd)

		<u>HALF DUPLEX</u>		<u>DUPLEX</u>	
		<u>Monthly</u>		<u>Monthly</u>	<u>Service</u>
		<u>Rate</u>		<u>Rate</u>	<u>Charge</u>
(c) Interoffice Channel					
Terminal, per terminal					
(two required for each					
interoffice channel)					
Type 250	(01N5S)	7.00	(01N6S)	7.00	None
Type 251	(01N5S)	3.45	(01N6S)	3.45	None

(d) Interexchange
Channel, each
V-H mile or
fraction
thereof

	<u>HALF DUPLEX</u>		<u>DUPLEX</u>	
	<u>Monthly</u>		<u>Monthly</u>	
	<u>Rate</u>		<u>Rate</u>	
		Each		Each
		Additional		Additional
		mile over		mile over
		250		250
	0 to 250 miles		0 to 250 miles	
	each mile		each mile	
Type 250 (1LYK4)	1.80	.90	(1LYD4)	1.80
(1L3C4)			(1L3A4)	
(1L6D4)			(1L6A4)	
(1LMD4)			(1LMF4)	
Type 251 (1LYK4)	2.45	1.50	(1LYD4)	2.45
(1L3C4)			(1L3A4)	
(1L6D4)			(1L6A4)	
(1LMD4)			(1LMF4)	

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C. SERVICES AND RATES

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2. Description of Services (Cont'd)

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b. Series 200 (Cont'd)

(4) Rates IntraLATA Interexchange (Cont'd)

	<u>HALF DUPLEX</u>	<u>DUPLEX</u>
	<u>Monthly</u>	<u>Monthly</u>
	<u>Rate</u>	<u>Rate</u>
(e) Interexchange Channel Terminal per terminal (two required per interexchange channel)		
Type 250	(01N2S) 40.85	(01N3S) 41.75
Type 251	(01N2S) 38.15	(01N3S) 38.15

c. Voice Grade Service-Series 300* and 400

- (1) Series 300 local channels for Voice Grade Service are furnished for half duplex (voice or data use) and duplex (data use) operations for oral communications and data communications which operate within certain technical specifications. Unless expressly provided for elsewhere, these are the only channels provided for voice grade transmission. The various types of local channels which are offered for termination are provided on a customer premises as follows:

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

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c. Series 300* and 400 (Cont'd)

(1) Cont'd

- (a) Type 311 - Furnished for two-point or multipoint voice transmission, Private Line voice or intercommunication line or supervisory control use. Signaling options required to arrange Type 311 for suitable signaling are provided in Section C of this Tariff. Limited to five (5) local channels on multipoint service where two-way communications is required.
- (b) Type 312 - Furnished for off-premises main and extension stations associated with premises PBX (or similar) switching systems. Technical specifications are a two-wire interface with effective two-wire service components engineered for 1000 Hz net loss of VLN +4dB.
- (c) Type 314 - Furnished for tie line use between two premises PBX (or similar) switching systems (314A).
- (d) Type 320 - Furnished for Type 311, multi-point voice service where more than five (5) local channels are involved and two-way communication is required.

Signaling options required to arrange Series 300 Channels for suitable signaling are available at charges specified in C.2.e, following. The application of signaling options currently provided to arrange Series 300 on premises, same building and additional point of termination services has been obsoleted to existing installations at existing locations for existing customer. Signaling charges do not apply to different buildings same premises PBX (or similar) stations.

Bridging charges, per channel bridged, apply when three or more voice grade channels connect at the same location. Bridging charges do not apply to Type 312.

*Obsolete-applicable to existing service installations at existing locations for existing customer.

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C. SERVICES AND RATES

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Public Service Commission

2. Description of Services (Cont'd)

c. Series 300* and 400 (Cont'd)

(2) Series 400 local channels are furnished for use as the customer elects and operate within certain technical specifications. The various types and the transmission characteristics of local channels which are offered for termination at a premises for connection to only customer premises equipment and systems are as set forth following:

(a) Type 414B - Furnished for tie line use, between a customer premises PBX (or similar) switching system and a customer's Centrex arrangement when the switching system is located in a Telephone Company central office. E&M signaling is included in the local channel.

(b) Type 414C - Furnished for tie line use, between two customer Centrex arrangements when both switching systems are located in a Telephone Company central office.

(c) Type 415 - Furnished for voice transmission in the same serving office as the primary service, off-premises extension (non-PBX) and off-premises Centrex (with switching equipment located on Telephone Company premises) station and/or extension station use. Also for Telephone answering service use. In addition, a Type 415 meets the following technical specifications:

A two-wire interface with effective two-wire facilities engineered for 1000 Hz net loss of 6 dB, loop signaling is included in the local channel.

(d) Type 417 - Furnished for voice transmission, Telephone Answering Services, Furnished for voice transmission for Telephone Answering Service for service between the concentrator located in the Telephone Company central office and the customer premises identifier (417A).

* Obsolete-applicable to existing service installations at existing locations for existing customers.

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

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c. Series 300* and 400 (Cont'd)

(2) (Cont'd)

- (e) Type 420 - A four-wire interface with four-wire service components engineered for 1000 Hz net loss of 16dB. Normally suitable for use as a full duplex data channel.**
- (f) Type 422 - A two-wire interface with effective two-wire service components engineered for a 1000 Hz net loss of 16dB. Normally suitable for use as a half duplex data channel.**
- (g) Type 423 - A two-wire interface with effective two-wire service components engineered for a 1000 Hz net loss of up to 10 dB for two-point service and up to 20dB for multipoint service. Furnished for two-point or multipoint voice transmission, Private Line voice or intercommunication line or supervisory control use. Limited to five (5) local channels on multipoint service where two-way communication is required.**
- (h) Type 424 - A two-wire or four wire interface with effective four-wire service components engineered to VLN design specifications for tie line use. Normally suitable for use as a tie line between two premises PBX (or similar) switching systems.
- (i) Type 425 - A four-wire interface with four-wire service components engineered for a 1000 Hz net loss of 16dB. Normally suitable for use as a voice channel.

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*Obsolete-applicable to existing service installations at existing locations for existing customers.

**Type 420 through Type 423 local channels are not suitable for, nor can they be used for, switching and/or tandem operations to the switched network or other private line service.

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2. Description of Services (Cont'd)

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c. Series 300* and 400 (Cont'd)

(2) (Cont'd)

(j) Type 428 - A two-wire interface with effective two-wire service components engineered for a 1000 Hz net loss of VLN +4dB. Normally suitable for use to provide an off-premises main or extension station of a premises PBX (or similar) switching system.

(k) Type 432 - Furnished for half duplex data transmission for an Automatic Identified Outware Dialing (AIOD) data channel. For use between a premises PBX (or similar) switching system and a serving office.

(1) Type 435 - A two-wire interface with four-wire service components engineered for a 1000 Hz net loss of 16dB. Normally suitable for use as a multipoint voice channel where more than five (5) local channels are involved and two-way communication is required.

Signaling options required to arrange Series 400 channels for suitable signaling are available at charges specified in Paragraph C.2.e, following. The application of signaling options currently provided to arrange Series 400 on premises, same building and additional point of termination services has been obsoleted to existing installations at existing locations for existing customers.

Bridging charges, per channel bridged, apply when three or more voice grade channels are connected at the same location.

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PRIVATE LINE SERVICE TARIFFS

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

c. Series 300* and 400 (Cont'd)

(2) (Cont'd)

Customer must insure that neither direct transmitted signal
nor reflected signal energy is allowed to violate
interconnection protection criteria and regulations as set
forth in Section B.

Specifications of net loss (or gain) refer to the requirement
of the total channel offering, not the individual local
channel. Gains or losses present in CPE have not been
included.

(3) Parameters and Specifications

Parameters and specifications for two-point service used with
Customer Premises Equipment (CPE) and station equipment are
as follows: Speech application specifications and limits
apply to all local channels except Types 420 and 422. Data
application specifications and limits apply only to Types 420
and 422.

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BASIC PARAMETERS

SPECIFICATION OR LIMIT

Net Loss

Local Channels used with customer
provided station equipment - Limits as
specified in GTE Technical References.
The specifications of net loss or gain
refer to the requirements of the total
channel service offering, not the
individual local or interoffice
channel. Losses or gains present in
CPE have not been included.

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PRIVATE LINE SERVICE TARIFFS

C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

c. Series 300* and 400 (Cont'd)

(3) Parameters and Specifications (Cont'd)

BASIC PARAMETERS

SPECIFICATION OR LIMIT

DC Resistance

Local Channels used with customer-
provided station equipment - Limit as
specified in GTE Technical References
does not imply or guarantee end-to-end
DC continuity.

Frequency Error

± 5 Hz

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Frequency Response

300-3000 Hz, -3dB to +12dB
500-2500 Hz, -2dB to +8dB
("+" means more loss and "-" means less
loss)

Envelope Delay Distortion

For Speech Application, not controlled.

For Data Application, less than 1000
microseconds, 1000-2400 Hz; less than
1750 microseconds, 800-2600 Hz.

-13 dBm0 1000 Hz

For Speech Application, 20 dB.

Test Signal to

C-Notched Noise Ratio

For Data Applications, 24 dB.

Impulse Noise

For Speech Application, 90 counts in 15
minutes at a threshold of 1 db below a
-13 dBm0 rms 1000 Hz Test Signal.

For Data Application, 15 counts in 15
minutes at a threshold of 6db below a
-13 dBm0 rms 1000 Hz Test Signal.

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

c. Series 300* and 400 (Cont'd)

(3) Parameters and Specifications (Cont'd)

BASIC PARAMETERS

SPECIFICATION OR LIMIT

Phase Jitter

For Speech Application, 18 degrees peak
to peak.

For Data Application, 10 degrees peak
to peak.

Non-Linear
Distortion Signal
to 2nd Order Distortion

For Speech Application, 20 db
For Data Application, 25 db.

Signal to 3rd
Order Distortion

For Speech Application, 25 db.
For Data Application, 30 db.

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(4) Multipoint

The Telephone Company will provide bridging equipment in service offices and primary serving offices to provide multipoint service. Bridging charges apply per channel (interoffice channel, local channel and interexchange channel) in offices where three or more channels are bridged. Bridging charges do not apply to Foreign Exchange and Types 312*, 415, 417 and 428. See Paragraph C.2.c(5) for intraLATA interexchange charges.

Standard bridging equipment for two-way communications between all points will be provided unless the customer specifies another fixed bridging arrangement.

The transmission parameters specified above are not applicable to multipoint service consisting of more than five points where local channels with two-wire service components and two-way communication are involved or more than 20 points otherwise.

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

c. Series 300* and 400 (Cont'd)

(5) Rates-IntraLATA Interexchange

	<u>Monthly Rate</u>	<u>Service Charge</u>
(a) Local Channel, each, per first termination on a premises		
Type 311 (1LPAY)(1L10Y)(1L3AY)(1LLBY)	\$39.40	\$280.00
Type 312 (1LPRY)(1LVRY)	61.25	270.00
Type 314A (1LTAY)	83.35	340.00
Type 414B (1LTBY)	96.30	560.00
Type 414C (1LTCY)	55.85	440.00
Type 415 (1LLAY)(1LPVY)	38.90	200.00
Type 417A (1LJKY)	98.30	410.00
Type 417B (1LJJY)	98.30	410.00
Type 320 (1LPWY)(1L1MY)(1L3WY)(1LLFY)	66.40	270.00
Type 432 (1L6QY)	49.70	500.00
Type 420 (1LMDY)(1L6CY)(1LLCY)	63.45	290.00
Type 422 (1LMFY)(1L6AY)(1LLDY)	63.45	290.00
Type 423 (1LMGY)	32.95	280.00
Type 424 (1LMHY)	61.70	340.00
Type 425 (1LMJY)	45.85	270.00
Type 428 (1LMKY)	43.55	270.00
Type 435 (1LMMY)	66.40	250.00

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C. SERVICES AND RATES

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2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

c. Series 300* and 400 (Cont'd)

(5) Rates-IntraLATA Interexchange (Cont'd)

	<u>Monthly Rate</u>	<u>Service Charge</u>
(b) Interoffice Channel, each V-H mile, or fraction thereof, per channel (1LHBS)(1LKJS)(1LPJS)(1LTBS) (1L10S)(1L3AS)(1L6BS)(1L6DS) (1LMFS)(1LVRS)	7.55	None

(c) Interoffice Channel Terminal, per terminal (two required per interoffice channel) (PMNSS)(PMNFX)	4.35	None
---	------	------

Monthly Rate

	<u>0 to 250 miles each mile</u>	<u>Each additional mile over 250</u>
(d) Interexchange Channel, each V-H mile, or fraction thereof (1LHU4)	\$4.10	\$1.05

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

c. Series 300* and 400 (Cont'd)

(5) Rates-IntraLATA Interexchange (Cont'd)

	<u>Monthly Rate</u>	<u>Service Charge</u>
(e) Interexchange Channel Terminal per terminal (two required per interexchange channel)		
Type 311 (P1NA1)	\$27.90	None
Type 312 (P1NB1)(P1ND1)	27.90	None
Type 314A (P1NG1)	27.90	None
Type 414B (P1NH1)	27.90	None
Type 414C (P1NJ1)	27.90	None
Type 417A (P1NK1)	27.90	None
Type 417B (P1NX1)	27.90	None
Type 320 (P1NL1)	27.90	None
Type 432 (P1NM1)	31.90	None
Type 420 (P1NQ1)(P1NC1)	27.90	None
Type 422 (P1NR1)(P1NE1)	27.90	None
Type 423 (P1NS1)	27.90	None
Type 424B (P1NT1)	27.90	None
Type 425 (P1NU1)	27.90	None
Type 428 (P1NV1)	27.90	None
Type 435 (P1NW1)	27.90	None
Foreign Exchange (P1NF4)	27.90	None

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

c. Series 300* and 400 (Cont'd)

(5) Rates-IntraLATA Interexchange (Cont'd)

Monthly Rate

(f) Bridging Charge, (multi-point
service), per bridged channel
(BQ7)

\$7.55

(6) Conditioning Options - Available for Types 414B, 414C, 420,
and 422

The types and descriptions of the available conditioning
options at rates and charges specified in C.2.f, following,
are as follows:

(a) Type C - Conditioning provides assured transmission
quality for frequency response and envelope delay
distortion as specified below.

(b) Type C1** - For a two-point or multi-point channel:

- The envelope delay distortion shall not exceed:
Between 1000 and 2400 Hz, a maximum difference of
1000 microseconds.

- The loss deviation with frequency (from 1000 Hz,
reference) shall not exceed:
Between 1000 and 2400 Hz, - 1dB to +3dB.
Between 300 and 2700 Hz, - 2dB to +6dB.
(+ means more loss)

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*Obsolete-applicable to existing service installations at existing locations
for existing customers.

**Type C1 and C2 Channel Conditioning Service will be provided subject to
these restrictions: with Customer Premises Equipment, the conditioned
channel is restricted to more than five (5) points and/or 4000 miles on
"two-wire" service and no more than twenty (20) points and/or 4000 miles on
"four-wire" circuits. These restrictions do not apply to one-way
simultaneous transmission from a master service point to all other service
points such as broadcast-type multi-point service.

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

c. Series 300* and 400 (Cont'd)

(6) Conditioning Options - Available for Types 414B, 414C, 420,
and 422 (Cont'd)

(c) Type C2** - For a two-point or multi-point channel:

- The envelope delay distortion shall not exceed;
Between 1000 and 2600 Hz, a maximum difference of 500
microseconds.
Between 600 and 2600 Hz, a maximum difference of 1500
microseconds.
Between 500 and 2800 Hz, a maximum difference of 3000
microseconds.
- Frequency response shall not exceed:
Between 500 and 2800 Hz, -1 dB to +3 dB.
Between 300 and 3000 Hz, -2 dB to +6 dB.
(+ means more loss)

Note: On a three-point or four-point channel,
conditioning in accordance with above
specifications is applicable only between one
service point (that designated by the customer as
the control point) and each of the other two or
three service points.

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*Obsolete-applicable to existing service installations at existing locations
for existing customers.

**Type C1 and C2 Channel Conditioning service will be provided subject to
these restriction: with Customer Premises Equipment, the conditioned
channel is restricted to no more than five (5) points and/or 4000 miles on
"two-wire" service and no more than twenty (20) points and/or 4000 miles on
"four-wire" circuits. These restrictions do not apply to one-way
simultaneous transmission from a master service point to all other service
points such as broadcast type multi-point service.

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C. SERVICES AND RATES

MISSOURI
Public Service Commission

2. Description of Services (Cont'd)

c. Series 300* and 400 (Cont'd)

(6) Conditioning Options - Available for Types 414B, 414C, 420,
and 422 (Cont'd)

(d) Type C4 - For a two-point or three-point channel:

- The envelope delay distortion shall not exceed:
Between 1000 and 2600 Hz, a maximum difference of 300
microseconds.
Between 800 and 2800 Hz, a maximum difference of 500
microseconds.
Between 600 and 3000 Hz, a maximum difference of 1500
microseconds.
Between 500 and 3000 Hz, a maximum difference of 3000
microseconds.

Note: On a three-point channel, conditioning in
accordance with above specifications is
applicable only between one service point (that
designated by the customer as the control point)
and each of the other two or three service points.

- Frequency response shall not exceed:
Between 500 and 3000 Hz, -2 dB to +3 dB.
Between 300 and 3200 Hz, -2 dB to +6 dB.
(+ means more loss)

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(e) Type C5 - For a two-point channel:

- The envelope delay distortion shall not exceed:
Between 1000 and 2600 Hz, a maximum difference of 100
microseconds.
Between 600 and 2600 Hz, a maximum difference of 300
microseconds.
Between 500 and 2800 Hz, a maximum difference of 600
microseconds.

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C. SERVICES AND RATES

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2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

c. Series 300* and 400 (Cont'd)

- (6) Conditioning Options - Available for Types 414B, 414C, 420,
and 422 (Cont'd)

(e) (Cont'd)

- Frequency response shall not exceed:
 - Between 300 and 3000 Hz, -1.0 dB to +3.0 dB.
 - Between 500 and 2800 Hz, -0.5 dB to +1.5 dB.
 - (+ means more loss).

- (f) Type D1 - High Performance Data Conditioning for **CANCELLED**
two-point channel not arranged for switching**

- Signal to C-Notched Noise Ratio
- Non-Linear distortion:
 - Signal to second order distortion
 - Signal to third order distortion

28 dB SEP 15 1994

35 dB 93-1
40 dB
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MISSOURI

(7) Foreign Exchange Station Service#

- (a) This service is furnished to a maximum of two exchanges
(in addition to the exchange in which the Exchange
service is furnished). The Exchange service connection
is provided from one exchange only.
- (b) Service is furnished on the condition that additional
costs to the Telephone Company may be necessary to
provide a type of signaling suitable for operation with
the exchange from which service is furnished, or to
provide, at the customer's request, a type of signaling
other than the type the Telephone Company would elect to
furnish. In such cases, additional charges shall apply.

*Obsolete-applicable to existing service installations at existing locations
for existing customers.

**Available only where service components and conditions permit.

#Additional Rules and Regulations for Foreign Exchange Station Service may
apply as set forth in Section 2 of the Telephone Company's General Exchange
Tariff.

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C. SERVICES AND RATES

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2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

c. Series 300* and 400 (Cont'd)

(7) Foreign Exchange Station Service (Cont'd)

(c) Customers, for the exchange portion of the service, are subject to exchange charges, rules and regulations; and for the private line portion of the service, are subject to the private line charges, rules and regulations in this Tariff.

(d) The Telephone Company will only provide this service when both service points (the open end and the closed end) are within the same LATA.

(e) Off-premises extensions are provided only where service components and conditions permit. Type 415 (1LLAY) (1LPVY) local channels charges apply for off-premises extensions.

Monthly
Rate

~~SERVICE~~
CHARGE

(f) Rates

Point of Termination in
one foreign exchange**
between exchanges,
0-20 miles apart (T21)

\$ 61.10

Between exchanges over
20 miles apart (T22)

70.70

410.00

Point of Termination in
two foreign exchanges (T1S)# 109.95

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~~\$410.00~~

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410.00
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*Obsolete-applicable to existing service installations at existing locations for existing customers.

**In addition, Private Line Charges as set forth in this Tariff apply between the serving office of the customer premises and the serving office from which the exchange service is provided.

#Local channel charges do not apply to the main station and one extension.

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

d. Extension Services

(1) Regulations

- (a) In addition to the general regulations and definitions applicable to private line services set forth in Section C of this Tariff, the following regulations apply to Extension Service.

[1] Voice Grade Service (300* and 400 Series Channels)

Extension service is that of furnishing service components for one or more service points for each authorized connection to a private line voice grade service equipped for communication among three or more service points at a time, and furnished to a branch or agency of the United States Government for the collection and dissemination of information relating to air traffic control activities and similar information of public interest in connection with supervision of the flight of aircraft along civil airways.

[2] Sub-Voice Grade Services (200 Series Channels)

- [a] Extension service is that of furnishing service components to allow connection with a private line sub-voice grade service furnished to a branch or agency of the United States Government for the collection and dissemination of weather information or miscellaneous airways information pertaining to the supervision of flight of aircraft along civil airways.

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

d. Extension Services (Cont'd)

(1) Regulations (Cont'd)

(a) (Cont'd)

[2] Sub-Voice Grade Services (200 Series Channels)

[b] Connection may be made as follows:

- Receiving Only Service - for reception of weather and miscellaneous airways information transmitted over the Government service to which it is connected.
- Sending and Receiving Service - for transmission of flight plans to and acknowledgement of such plans from the Government service to which the connection is authorized.

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(2) Rates

(a) Voice Grade Services

[1] Local Channels

A charge as specified in Paragraph C.2.c, preceding, for two local channels to the customer's premises applies for each extension service not located on the same premises as a government service point and arranged for communication among three or more service points at one time.

[2] Extension Service Arrangements

Where one or more extension services are connected to a government service by intraLATA interexchange channels, a charge of \$25.10 (ZME) per month applies at the exchange at which such connection is made, for each extension service so connected in addition to the charges for intraLATA interexchange channel, channel terminals and local channels.

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

d. Extension Services (Cont'd)

(2) Rates (Cont'd)

(a) Voice Grade Services (Cont'd)

[2] Extension Service Arrangements - (Cont'd)

Standard private line charges apply to extension
service located in the same exchange on different
premises than the Government service.

[3] IntraLATA Interexchange Channels

The charges as specified in Paragraph C.2.
preceding, apply. **CANCELLED**

(b) Sub-Voice Grade Services

[1] IntraLATA Interexchange Channels

The charges as specified in Paragraph C.2.b,
preceding, apply.

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e. Signaling

(1) Rules and Regulations

Based on information provided by the customer, the Telephone
Company will furnish the appropriate signaling arrangement.
Where the requested signaling arrangement is furnished and
determined to be of a lesser signaling range than required,
and the customer requests the Telephone Company, to furnish
another signaling arrangement, such request will be treated
as a new request for service and appropriate non-recurring
charges will apply.

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C. SERVICES AND RATES

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2. Description of Services (Cont'd)

MISSOURI

Public Service Commission

e. Signaling (Cont'd)

(2) Signaling Options

- (a) Signaling Options per point of termination for the capability to accommodate signaling on Private Line Service utilizing 311*, 320*, 420*, 422*, 423, 425 and 435 type services.

	Monthly Rate	Service Charge
IntraLATA Interexchange		
- Manual (J1B)**	\$26.25	\$65.00
- Automatic (J1A)*	27.90	65.00

- (b) Signaling Options per point of termination for the capability to accommodate signaling on Private Line Service utilizing Channels indicated below. Signaling is limited to two-point service only.

IntraLATA Interexchange		
Arranged for E & M Type signaling		
- Type 420 (SLM20)*	20.25	65.00
- Type 422 (SLM22)*	20.25	65.00
- Type 423 (SLM23)*	21.30	65.00
- Type 424 (SLM24)	21.60	65.00#
- Type 425 (SLM25)*	21.60	65.00
- Type 428 (SLM28)*	21.60	65.00

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*Obsolete-applicable to existing service installations at existing locations for existing customers.

**Manual signaling for multipoint channels is available on Type 425 and 435 local channels only. Any other existing applications should be considered obsolete-applicable to existing service installations at existing locations for existing customers.

#Service Charge applies only if the signaling option is installed subsequent to initial installation of the channel.

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C. SERVICES AND RATES

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2. Description of Services (Cont'd)

MISSOURI

e. Signaling (Cont'd)

Public Service Commission

(2) Signaling Options (Cont'd)

(b) (Cont'd)

IntraLATA Interexchange (Cont'd)

Arranged for Loop signaling,
a maximum of 1300 ohms.

	<u>Monthly Rate</u>	<u>Service Charge</u>
-Type 420 (SLL20)*	\$33.25	\$65.00
-Type 422 (SLL22)*	33.25	65.00
-Type 423 (SLL23)*	34.15	65.00
-Type 428 (SLL28)	17.55	65.00**

Arranged for Loop signaling,
per customer requested ohm
maximum

-Type 428 (SLLC8)	21.60	65.00**
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*Obsolete-applicable to existing service installations at existing locations
for existing customers.

**Service Charge applies only if the signaling option is installed subsequent
to initial installation of the channel.

Issued: MAY 02 1988

Effective:

By: G. E. Aldrich, Jr.
Vice President-General Manager
Grinnell, Iowa

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PRIVATE LINE SERVICE TARIFFS

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

e. Signaling (Cont'd)

(2) Signaling Options (Cont'd)

(c) Interexchange IntraLATA Type A, B and C Signaling
Arrangements

Loop Signaling Options per
Local Channel on Type 428
when associated with station
ports of a premises switching
system.

Type A capable of operation
over loops with resistance
in the range of 0-199 ohms
(SALAS)

Type B capable of operation
over loops with resistance
in the range of 200-899 ohms
(SAUBS)

Type C capable of operation
over loops with resistance
in the range of 900 ohms or
more (SAYCS)

The dc resistance specification does not imply a
guaranteed end-to-end dc continuity. The customer can
expect to be provided a loop meeting the same limits as
the normal central office loop (i.e., not exceeding 1300
ohms) exclusive of 200 ohm maximum terminal equipment
resistance.

Monthly Service
Rate Charge

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\$8.40 \$30.00*

8.70 30.00*

3.55 1.05*

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*The Service charge applies only if the signaling option is installed
subsequent to initial installation of the channel.

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

f. Channel Conditioning Charges

(1) Type C1

	<u>Monthly Rate</u>	<u>Service Charge</u>
- Two point not arranged for switching, per service point (P2W)	\$ 9.40	\$80.00
- Two point arranged for switching to another two-point channel, per service point (P2X)	17.00	80.00
- Multi-point channel, per service point (P3G)	18.80	80.00

(2) Type C2

	<u>Monthly Rate</u>	<u>Service Charge</u>
- Two point not arranged for switching, per service point (P3HC2)	\$37.70	\$80.00
- Two point arranged for switching, per service point (P3J)	56.45	80.00
- Multi-point channel, per service point (PH9)	56.45	80.00

(3) Type C4

	<u>Monthly Rate</u>	<u>Service Charge</u>
- Two-point channel, per service point (P4G)	\$65.80	\$80.00
- Three- or four-point channel, per service point (6DU)	84.70	80.00

(4) Type C5

- On a two-point channel not arranged for switching, per service point (UHD)	\$94.10	\$80.00
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PRIVATE LINE SERVICE TARIFFS

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C. SERVICES AND RATES

2. Description of Services (Cont'd)

MISSOURI
Public Service Commission

f. Channel Conditioning Charges (Cont'd)

(5) Type D1

- Two-point channel not arranged for
switching, per service point (QHA)

<u>Monthly Rate</u>	<u>Service Charge</u>
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\$11.35	\$80.00
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