

**GTE MIDWEST,  
INC.**

**(f/k/a CONTEL OF  
MISSOURI, INC.**

**d/b/a GTE  
MISSOURI**

**PSC MO NO. 7**

ADOPTION NOTICE

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MAR 16 1993

GTE MIDWEST INCORPORATEDPRIVATE LINE SERVICEMISSOURI  
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 Contel of Missouri, Inc. d/b/a GTE Missouri 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 Contel of Missouri, Inc. d/b/a GTE Missouri has heretofore filed with said Commission.

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

Alton	Conway	Hawk Point	Morrison	Sarcoxie
Annapolis	Creighton	Hermann	Moscow Mills	Schell City
Arcola	Cross Timbers	Hermitage	Mount Sterling	Seymour
Augusta	Cuba	High Hill	Mt. Vernon	Shelbina
Aurora	Dadeville	Highlandville	Mtn. Grove	Shelbyville
Avilla	Dalton	Holstein	Mtn. View	Sheldon
Belgrade	Dardenne/Lake	Houston	Nebo	Shell Knob
Belle	St. Louis	Hunnewell	New Melle	Southwest City
Bellevue	Defiance	Hurley	Niangua	Sparta
Bernie	Dora	Irondale	Noel	Steele
Birch Tree	Drexel	Ironton	Norwood	Stoutsville
Bland	(W. Drexel, KS)	Jamestown	Oates	Summersville
Blue Eye	East Lynne	Jenkins	O'Fallon	Thayer
Boss	Edgar Springs	Jerico Springs	Old Monroe	Theodosia
Bourbon	Eldorado Springs	Jonesburg	Ozark	Thomasville
Bradleyville	Elkland	Keytesville	Palmyra	Timber
Branson	Ellsinore	Kimberling City	Palmyra	Truxton
Branson West	Elmer	Koshkonong	Peculiar	Urbana
Bronaugh-Moundville	Eminence	LaBelle	Perry	Van Buren
Brunswick (Triplett)	Everton	Laddonia	Pittsburg	Vanzant
Buffalo	Ewing	LaGrange	Potosi	Vichy
Bunker	Exeter	La Plata	Prairie Home	Walker
Cabool	Foley	Leasburg	Preston	Warrenton
Caledonia	Fordland	Lesterville	Protom	Washburn
Canton	Foristell	Lewistown	Raymondville	Wasola
Cape Fair	Forsyth	Licking	Reeds Spring	Wentzville
Cassville	Fremont	Louisburg	Revere	West Plains
Caulfield	Gainesville	Manes	Roby	West Quincy
Cedar Creek	Galena	Mano	Rockaway Beach	Wheatland
Centerville	Garden City	Marshfield	Rockville	Willow Springs
Chamois	Golden City	Marthasville	Safe	Winfield
Clarence	Gorin	Milo	St. James	Winona
Cleveland	Greenfield	Monroe City	St. Peters	Wooldridge
(W. Cleveland, KS)	Grovespring	Montauk Park	Santa Fe	Wright City
Concordia	Hartville	Monticello		

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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 Missouri).

Issued: March 15, 1993

Effective: April 1, 1993

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

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d/b/a GTE MISSOURI

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**MISSOURI**  
**Public Service Commission**

PRIVATE LINE SERVICE

Regulations, Rates and Charges  
applying to the provision of the above service  
for customers within the operating territories of  
Contel of Missouri, Inc. d/b/a GTE Missouri  
hereinafter referred to as the Company

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Explanation of Symbols

The following symbols are applicable to all sections of this Tariff:

- (C) Change in listing regulation or condition which may affect a rate or charge.
- (D) Discontinued rate, charge, regulation or condition.
- (I) Increase in rate or charge.
- (L) Limited to existing customers at existing locations.
- (M) Matter relocated.
- (N) New rate, charge, regulation or condition.
- (T) Changed text with no effect on rate, charge, regulation or condition.
- (R) Reduction in rate or charge.

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Effective:

D. M. Anderson  
Midwest Director - External Affairs  
Grinnell, Iowa

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for customers within the operating territories of  
Contel of Missouri, Inc.  
hereinafter referred to as the Company.

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*84-222 et al.*  
Public Service Commission

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- (T) Changed text with no effect on rate, charge, regulation or condition.
- (R) Reduction in rate or charge.

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Wentzville, Missouri

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## PRIVATE LINE SERVICE

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APPLICATION OF TARIFF

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MISSOURI

Public Service Commission

This Tariff applies to Private Line Services furnished or made available by CONTEL OF MISSOURI, INC., hereinafter referred to as the Company, and for Private Line Services furnished jointly with a connecting company, to the portion of such Private Line Services furnished by the 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.

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

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## PRIVATE LINE SERVICE

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1. Regulations1.1 Undertaking of the CompanyMISSOURI  
Public Service Commission1.1.1 Scope

(A) This Tariff section contains the general regulations and definitions governing Private Line Services furnished by the Company. The regulations of the connecting company apply to the portion of Private Line Services which it furnishes at "other line" charges.

(B) Private Line Service is the furnishing of Company service components for communication between specified locations 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 Company only or those of the Company and other telephone companies.

(C) The Company does not undertake to transmit messages, but offers the use of its service components, where available, to customers for such purposes.

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(D) Services provided under this Tariff shall be used by private line customers for use in obtaining end-to-end Private Line Services. 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.

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1.1.2 Limitations

(A) In case a shortage of service components exists at any time, either for temporary or protracted periods, the establishment of Long Distance Message Telecommunications Service and/or regular Exchange Telephone Service shall take precedence over all other services and uses.

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## PRIVATE LINE SERVICE

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1. Regulations (Cont'd)

MAY 2 1988

1.1 Undertaking of the Company (Cont'd)

MISSOURI

1.1.2 Limitations (Cont'd)

Public Service Commission

(B) The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Company and is, therefore, subject to the availability of such service components.

(C) 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.

(D) Subject to compliance with Paragraph 1.1.2 (C), preceding, where a shortage of channels or equipment exists at any time, either for temporary or protracted periods, the establishment of Long Distance Message Telecommunications Service shall take precedence over all other services.

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1.1.3 Liability

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(A) In view of the fact that the customer has exclusive control of his communications over the service components furnished him by the Company and of the other uses for which service components may be furnished him by the Company, and because of unavoidable errors incidental to the services and to the use of such service components of the Company, the services and service components furnished by the Company are subject to the terms, conditions and limitations herein specified and to such particular terms, conditions and limitations as are set out under the Services and Rates portion of this Tariff governing the respective services.

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1. Regulations (Cont'd)  
1.1 Undertaking of the Company (Cont'd)  
1.1.3 Liability (Cont'd)

- (B) The liability of the Company for damages arising out of mistakes, omissions, interruptions, delays or errors or defects in transmission occurring in the course of furnishing service, whether the result of negligence of the 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.

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 Company.

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- (C) The customer indemnifies and saves the Company harmless against claims for libel, slander or the 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 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 Company.

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Public Service Commission

1. Regulations (Cont'd)
- 1.1 Undertaking of the Company (Cont'd)
- 1.1.3 Liability (Cont'd)

- (D) The Company does not guarantee nor make any warranty with respect to service components provided by it for use in an explosive atmosphere. The customer indemnifies and holds the Company harmless from any and all loss claims, demands, suits or other actions or 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 persons and for any loss, damage 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, operation, failure to operate, maintenance, removal, presence, condition, location or use of said service components so provided.

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

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- (E) When the lines of connecting companies are used in establishing connections to points not reached by the Company's lines, the Company is not liable for any act or omission of the connecting company or companies.
- (F) The 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 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 Company.
- (G) The Company shall be under no liability for the quality or defects in voice recordings where Company combined service components are used in making such recordings.

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MISSOURI

Public Service Commission

1. Regulations (Cont'd)
- 1.1 Undertaking of the Company (Cont'd)
- 1.1.4 Provision of Service Components

(A) The Company, or the 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 Paragraph 1.6.

(1) When a Private Line Service is used for teletypewriter transmission, the teletypewriter equipment will be provided by the customer.

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(2) 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 Company.

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MISSOURI

(3) Where 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 Company-provided service. The 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.

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

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1. Regulations (Cont'd)1.1 Undertaking of the Company (Cont'd)1.1.4 Provision of Service Components (Cont'd)MISSOURI  
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- (B) Maintenance and Repairs - All ordinary expense of maintenance and repair associated with network facilities and equipment, unless otherwise specified in this Tariff, is borne by the 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 condition, except where such damage is not occasioned by the negligence of the customer.

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

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MISSOURI

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 Company's convenience.

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

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1. Regulations (Cont'd)
- 1.1 Undertaking of the Company (Cont'd)
- 1.1.4 Provision of Service Components (Cont'd)

(D) Service components furnished by the Company on the premises of a customer are the property of the 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.

(E) When serving office boundary realignments are necessary at the discretion of the 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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- 1.1.5 Protective Equipment

BY 93-1

(A) When a hazardous electrical environment is present at 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 Company facilities or to endanger the safety of its employees or customers. The customer may elect to provide his own protective equipment, subject to Company specifications. The protective equipment may also be provided in accordance with Paragraph 1.1.7.

(B) 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 1.1.5 (A), may be provided by the customer subject to Company specifications or in accordance with Paragraph 1.1.7.

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1. Regulations (Cont'd)

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1.1 Undertaking of the Company (Cont'd)

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1.1.6 Application for Private Line Service

MISSOURI

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

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

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

- (C) If Private Line Service is established and it is subsequently determined that either condition in Paragraph 1.1.6 (B) exists, the Company may suspend or disconnect such service on two days' written notice until satisfactory arrangements have been made for the payment of the prior indebtedness.

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1.1.7 Special Assemblies For Speculative Projects

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

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## PRIVATE LINE SERVICE

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1. Regulations (Cont'd)1.2 Use

A Private Line Service may be used for one or more of the purposes specified in Paragraph 1.2.1, following.

1.2.1 Authorized Use

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

- (A) For the transmission of communications to or from the customer and relating directly to the customer's business.
- (B) 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.
- (C) 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.
- (D) 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 Company in writing that the use is intended only for official United States Government business.
- (E) 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.

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1. Regulations (Cont'd)1.2 Use (Cont'd)1.2.1 Authorized Use (Cont'd)

(F) 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.

(G) 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.

(H) 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.

1.2.2 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 law. The Company will refuse to furnish service when it has reasonable grounds to believe that such service will be used in violation of the law.

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## PRIVATE LINE SERVICE

1. Regulations (Cont'd)

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1.2 Use (Cont'd)

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1.2.3 Resale of Use for Others

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- (A) Intraexchange Private Line Service provided for under the Public Service Commission Services and Rates portion of this Tariff shall not be used for any purpose for which a payment or other consideration, direct or indirect, shall be received by the customer or in the collection, transmission or delivery of any communications for others. This provision does not apply for the following:

- (1) To shared cost of Private Line Service in a resold or shared arrangement as follows:

- (a) Shared arrangement within a Multiline Terminating System Area.

- [1] Private Line Service may be shared, but may not be resold, subject to the regulations set forth herein between the customer and users. This customer may, but does not have to, use that Private Line Service.

- [2] The Company shall not be responsible for the allocation of usage of, or charges for, shared Private Line Service. Orders, including those which involve the start, rearrangement, release or discontinuance of service, will be accepted by the Company only from the customer.

- (b) An arrangement between the customer or users to share the cost of a Private Line Service.

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Public Service Commission1. Regulations (Cont'd)1.2 Use (Cont'd)1.2.3 Resale of Use for Others (Cont'd)

- (B) 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:

- (1) The resale of a Private Line Service may not encompass the conversion of that Private Line Service into Local Exchange Service, Message Telecommunications Service, Wide Area Telecommunications Service or the equivalents thereof.
- (2) Orders, including those which involve the start, rearrangement, release or discontinuance of service will be accepted by the Company only from the customer.

1.2.4 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:

- (A) The customer may, but does not have to, use the Private Line Service.
- (B) The customer is responsible for payment of all charges that are associated with the service utilized by the customer or sharing arrangement participants.
- (C) The customer is responsible for compliance with Tariff regulations by each participant in a sharing arrangement.
- (D) The Company is not responsible for procuring participants for a sharing arrangement.

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Public Service Commission1. Regulations (Cont'd)1.2 Use (Cont'd)1.2.4 Shared Use of Private Line Service (Cont'd)

(E) Sharing arrangements must be nonprofit. The total charges to all participants in a sharing arrangement may not exceed the sum of the 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, charged solely for the management, may be allocated by the customer among the sharing participants.

(F) The 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 Company only from the customer.

(G) Sharing of Private Line Service may not encompass the conversion of that Private Line Service into Local Exchange Service, Message Telecommunications Service, Wide Area Telecommunications Service or the equivalents thereof.

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1.3 Obligation of the Customer

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1.3.1 Customer Responsibilities

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

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(A) Establishing his identity in the course of any communication as often as may be necessary.

(B) Establishing the identity of the person or persons with whom connection is made at the called service point.

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1. Regulations (Cont'd)
- 1.3 Obligation of the Customer (Cont'd)
- 1.3.1 Customer Responsibilities (Cont'd)
- (C) Damages to service components of the 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.
- (D) Reimbursing the Company for any loss through theft of the service components on the customer's premises.
- (E) The provision of appropriate power including the outlet and power wiring when the Company service components installed on the premises of a customer requires power for its operation.
- (F) Furnishing and maintaining poles and/or underground facilities on private property.
- (G) The provision, installation and maintenance of sealed conduit with explosive-proof fittings between service components furnished by the Company in explosive atmospheres and points outside the hazardous area where connection may be made with regular service components of the Company, and may be required to install and maintain Company service components within the hazardous area if, in the opinion of the Company, injury or damage to Company employees or property might result from installation or maintenance by the Company.
- (H) Obtaining permission for 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 Company.
- (I) Making all Company private line service components available for maintenance purposes at a time agreeable to both the 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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1. Regulations (Cont'd)1.3 Obligation of the Customer (Cont'd)1.3.2 Rearrangements and RepairsMISSOURI  
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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 Company, except upon the written consent of the Company.

1.3.3 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.

1.3.4 Intended Use

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

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1.4 Payment Arrangements and Credit Allowances

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1.4.1 Payment of Charges and DepositsBY 93-1(A) Advance PaymentsPublic Service Commission  
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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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1. Regulations (Cont'd)

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1.4 Payment Arrangements and Credit Allowances (Cont'd)1.4.1 Payment of Charges and Deposits (Cont'd)MISSOURI  
Public Service Commission(B) Payment for Service

The customer is responsible for payment of all charges for service components and services furnished 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 of the General Regulations Section of the Local Exchange Tariff.

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(C) Deposits

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

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The 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 instrument to violate the law.

1.4.3 Minimum and Fractional Rates and Charges

(A) The minimum service period is one month, except when the cost of special construction is such as to necessitate a longer contract period.

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Public Service Commission1. Regulations (Cont'd)1.4 Payment Arrangements and Credit Allowances (Cont'd)1.4.3 Minimum and Fractional Rates and Charges (Cont'd)

(B) When rates are on a "per month" basis, the minimum charge 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.

(C) 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.

1.4.4 Special Construction

(A) Rates and charges for special construction will be provided as set forth in Section 2, General Regulations Section of the Local Exchange Tariff.

(B) Special construction is that construction undertaken:

(1) Where service components are not presently available, and there is no other requirement for the service components so constructed.

(2) Of a type other than that which the Company would normally utilize in the furnishing of its services.

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## (B) (Cont'd)

(3) Over a route other than that which the Company would normally utilize in the furnishing of its services.

(4) In a quantity greater than that which the Company would normally construct to serve the customer's needs.

(5) On a temporary basis until permanent service components are available.

(6) Involving abnormal costs.

(7) In advance of the normal construction on an expedited basis.

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(C) A request of 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 Company undertakes any work involved in developing such quotations.

1.4.5 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.

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Public Service Commission1. Regulations (Cont'd)1.4 Payment Arrangements and Credit Allowances (Cont'd)1.4.6 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 purposes of this paragraph, the minimum service period shall be computed from the initial establishment of service or from the date the service was last restored from suspension.

1.4.7 Temporary Surrender of a Service

When, at the request of the 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.

1.4.8 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 Company.

- (A) 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.

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1. Regulations (Cont'd)

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1.4 Payment Arrangements and Credit Allowances (Cont'd)MISSOURI  
Public Service Commission1.4.8 Allowances for Interruptions (Cont'd)

(B) Long Distance Message Telecommunications Service furnished at a customer's request when his Private Line Service is interrupted is charged for at Long Distance Message Telecommunications Service rates.

(C) 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.

1.4.9 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 1.4.9 (A) and 1.4.9 (B), following, whichever is lower, applies.

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

(B) The charge 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 Company incurs any expense, including engineering, in connection therewith or in preparation thereof which would not otherwise have been incurred, provided the customer has placed an order with the Company for provision of service.

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- (1) 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 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.

Per Private Line Service \$21.60

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## PRIVATE LINE SERVICE

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1. Regulations (Cont'd)1.5 DefinitionsMISSOURI  
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Certain terms used generally throughout this Tariff are defined as follows:

Authorized Protective Connecting Module - Denotes a protective unit designed by the Company and manufactured under the control of the Company quality assurance procedures which unit is to be incorporated in a conforming answering device.

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.

Bridging - The connection of a channel or channels to another channel or the common point where more than two channels of any type connect.

Building - "Same Building" is a structure under one roof or two or more structures on the same premises which are connected by an enclosed passageway in which the wires or cables of the Company may be placed without exposure to outside electrical circuits or the weather. In no case can conduit be considered as an enclosed passageway. The term "same building" does not include those premises connected by a covered public mall (see Premises).

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1. Regulations (Cont'd)

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1.5 Definitions (Cont'd)

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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 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 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 or an intraLATA interoffice 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 Company service components.

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1. Regulations (Cont'd)1.5 Definitions (Cont'd)MISSOURI  
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Conforming Answering Device - Denotes a customer-provided device which automatically answers incoming calls; transmits a prerecorded voice message or appropriate audible signal to the calling party; records a voice message from the calling party, if so designed and arranged; and automatically disconnects from the line in a prearranged manner on completion of the last of the functions for which it was designed and arranged as described in this Paragraph. The conforming answering device may include remote interrogation and/or device function control. A conforming answering device must incorporate an authorized protective connecting module and must bear a valid conformance number.

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

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Covered Public Mall - A covered public area, intended for the general public use, running between two or more premises and not an integral part of any building.

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1. Regulations (Cont'd)1.5 Definitions (Cont'd)MISSOURI  
Public Service Commission

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 Company. A customer must have a communication requirement of his own for each Private Line Telephone Service.

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

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

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.

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Demarcation Point - That point at which the 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.

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

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1. Regulations (Cont'd)

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1.5 Definitions (Cont'd)

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Distribution Center - Indicates amplifying and bridging equipment required to connect the various local sections of a music network or to connect local sections to an interexchange section of that network.

Duplex Service - Denotes service which permits customers or users to communicate in both directions simultaneously.

Encoded Analog Content - "Encoded Analog Content" is an analog signal which has been multiplexed and coded within a digital signal.

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.

Equivalent Analog Signal Power - "Equivalent Analog Signal Power" is the power of the analog signal at the output of a zero level decoder, obtained when a digital signal is the input to the decoder. A zero level decoder yields an analog level of 0dBm at its output when the input is a digital milliwatt signal.

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

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

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1. Regulations (Cont'd)

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1.5 Definitions (Cont'd)

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Grandfathered Connections of Communications Systems - Denotes connections via Company-provided connecting arrangements of customer communications systems (including their equipment and premises wiring) at the customer's premises, in accordance with any telephone company's tariffs, and that are considered to be grandfathered under the Federal Communications Commission's Rules and Regulations because (a) such connections to the telecommunication's network or the Private Line Services specified in Paragraph 1.6.2 (B), following, were made via Company-provided connecting arrangements prior to January 1, 1980, and such connecting arrangements are of a type of connecting arrangement connected to the telecommunications network or the Private Line Services specified in Paragraph 1.6.2 (B), following, as of June 1, 1978, or (b) such connections to the Private Line Services specified in Paragraph 1.6.2 (C) or 1.6.2 (D), following, are made via Company-provided connecting arrangements prior to May 1, 1983, and such connecting arrangements are of a type of connecting arrangement connected to the Private Line Services specified in Paragraph 1.6.2 (C) or 1.6.2 (D), following, as of April 30, 1980.

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## PRIVATE LINE SERVICE

1. Regulations (Cont'd)1.5 Definitions (Cont'd)

Grandfathered Connections of Terminal Equipment - Denotes connections via Company-provided connecting arrangements of customer-provided terminal equipment connected at the premises of the customer, authorized user or joint user, in accordance with any telephone company's tariffs, and that are considered to be grandfathered under the Federal Communications Commission's Rules and Regulations because (a) such connections to the telecommunications network or the Private Line Services specified in Paragraph 1.6.2 (B), following, were made via Company-provided connecting arrangements prior to July 1, 1979, and such connecting arrangements are of a type of connecting arrangement connected to the telecommunications network or the Private Line Services specified in Paragraph 1.6.2 (B), following, as of October 17, 1977, or (b) such connections to the Private Line Services specified in Paragraph 1.6.2 (C) or 1.6.2. (D), following, are made via Company-provided connecting arrangements prior to May 1, 1983, and such connecting arrangements are of a type of connecting arrangement connected to the Private Line Services specified in Paragraph 1.6.2 (C) or 1.6.2 (D), following, as of April 30, 1980.

Half-Duplex Service - Denotes service which permits communication alternately in either direction, or for communication in one direction only, including bi-directional 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.

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1. Regulations (Cont'd)1.5 Definitions (Cont'd)MISSOURI  
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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 Access Services Tariff to provide intrastate telecommunications services for its own use or for the use of its customers (End Users).

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 (1) local channels in different serving offices associated with intraexchange service or (2) interexchange channels with local channels.

Intrabuilding Network Cable - Cable in a building that extends the outside plant distribution facilities from the building entrance to equipment rooms, cross-connection points or other distribution points.

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Intraexchange Service - A Private Line Service where the network interfaces located on customer premises are wholly within an exchange as defined in the Local Exchange Tariff.

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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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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 Company exchanges which are grouped to serve common social, economic and miscellaneous purposes.

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1.5 Definitions (Cont'd)

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Local Channel - That portion of a Private Line Service which interconnects a network interface located on a customer's premises to (1) an interexchange channel; (2) another network interface on the same or on a different premises in the same serving office area via another local channel to a network interface located on that same or a different premises.

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 - (a) 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 Company;

(b) When used in connection with the application of Wideband Digital Service/1.544 Mbps denotes a change in the physical location (whether on the same or different premises) when made at the request of the customer without discontinuance of service, of service components provided by the Company.

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

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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.

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1.5 Definitions (Cont'd)

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Network Control Signaling Unit - Denotes the service furnished, installed and maintained by the 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 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 Company and other telephone companies.

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Other Telephone Company - See Connecting Company.

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

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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.

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1. Regulations (Cont'd)

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1.5 Definitions (Cont'd)

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Premises Wiring - Wiring on the customer's side of the network interface provided for use with service components furnished by the Company for Private Line Service.

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

Registered - Denotes equipment which complies with and has been approved within the Registration provisions of the Federal Communications Commission's Rules and Regulations.

Service Components - All the plant and equipment of a 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 Company, including any construction work in progress.

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1. Regulations (Cont'd)1.5 Definitions (Cont'd)

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Service Point - Denotes the service components furnished by the 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 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 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:

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By a single unit serving office with one telephone number prefix;

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By a multiple unit serving office with multiple telephone prefixes;

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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."

Station Port - A station port is the classification of the station interface for off-premises main stations or extension stations of a premises PBX (or similar) switching system used in reference to loop signaling requirements on grandfathered and registered PBX Systems.

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1. Regulations (Cont'd)

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1.5 Definitions (Cont'd)

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Studio - When used in connection with Private Line Service for wired music distribution, indicates fixed premises of a customer at which personnel of the customer are present and in which audio material regularly originates or is received for closed circuit transmission to wired music service point locations. The term "studio" excludes all locations where the subject matter to be transmitted is not originated primarily for wired music distribution.

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 Company under its regulations concerning cancellation for cause, of service or service components provided by the Company.

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## PRIVATE LINE SERVICE

1. Regulations (Cont'd)

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1.6 Connections

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1.6.1 General Provisions

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(A) General

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- (1) Provision of equipment and communications systems may be connected at the customer's premises to Private Line Services furnished by the Company where such connections are made in accordance with Provision of Equipment in the General Regulations Section of the Local Exchange Tariff.

- (2) The term "telecommunications services," when used in this Section, denotes Exchange Service, Long Distance Message Telecommunications Service (LDMTS) and Wide Area Telecommunications Service (WATS).

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(B) Responsibility of the Customer

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- (1) The customer shall be responsible for the installation, operation and maintenance of any customer or interexchange 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 Company, cause electrical hazards to Company personnel, damage to Company service components, malfunction of 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 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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1.6 Connections (Cont'd)

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1.6.1 General Provisions (Cont'd)

MISSOURI

(B) Responsibility of the Customer (Cont'd)

Public Service Commission

- (2) The customer shall be responsible for the payment of a nonrecurring Trouble Isolation Charge as stated in Section 7 - Specialized Services of the Local Exchange Tariff 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.

- (3) The customer who provides the premises wiring of Communications Systems subject to the Federal Communications Commission's Rules and Regulations shall be responsible for the payment of all sums due the Company as provided in Section 7 - Specialized Services of the Local Exchange Tariff.

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- 1. Regulations (Cont'd)
- 1.6 Connections (Cont'd)
- 1.6.1 General Provisions (Cont'd)
- (C) Responsibility of the 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 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 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 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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Public Service Commission1. Regulations (Cont'd)1.6 Connections (Cont'd)1.6.1 General Provisions (Cont'd)(C) Responsibility of the Company (Cont'd)

- (3) The 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.

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(D) Recording of Two-Way Telephone Conversations

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Private Line Services are not represented as adapted to the recording of two-way telephone conversations. When customer Service Commission provided voice recording equipment is used with a Private Line Service which is connected to telecommunications services, the provisions relating to Recording Devices as set forth under Provision of Equipment in Section 2, GENERAL REGULATIONS Section of the Local Exchange Tariff are applicable to such Private Line Services.

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1. Regulations (Cont'd)  
1.6 Connections (Cont'd)  
1.6.1 General Provisions (Cont'd)  
(E) Violation of Regulations

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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 Company will take such immediate action as necessary for the protection of the telecommunications network and Company employees and will promptly notify the customer or interexchange 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 by 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 Company within the time stated above shall result in suspension of the customer's service until such time as there is compliance with the provisions of this Tariff.

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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 Company. Such service components furnished by the customer must comply with the minimum protection criteria contained in Paragraph 1.6.4 (F), following.

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1. Regulations (Cont'd)  
1.6 Connections (Cont'd)  
1.6.2 Connections of Registered Equipment

(A) Terminal equipment, protective circuitry and communications systems that are registered may be connected to those Private Line Services specified in Paragraphs 1.6.2 (B), 1.6.2 (C) or 1.6.2 (D), following, subject to Paragraph 1.6.1, preceding, and this Paragraph 1.6.2; and further subject to the Connections of Terminal Equipment and Communications Systems Section of the General Exchange Tariff.

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(B) The connection may be made only at the premises of the customer or user to Series 400 Private Line Service that present a two-wire or four-wire loop signaling interface for such connection under the following conditions:

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- (1) Registered terminal equipment, registered protective circuitry and registered Key Telephone Systems may be connected to the service point end of Private Line Services furnished in connection with off-premises service.
- (2) Registered PBX Systems may be connected as a trunk termination to the service point end of Private Line Services furnished in connection with off-premises service.
- (3) Registered terminal equipment, registered protective circuitry and registered Key Telephone Systems may be connected to CCSA access lines.

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1. Regulations (Cont'd)  
1.6 Connections (Cont'd)  
1.6.2 Connections of Registered Equipment (Cont'd)

(C) The connection of registered terminal equipment and registered PBX Systems may be made only at the customer's premises to a Series 400 Private Line Service that presents an interface for a two-wire or four-wire transmission, with separate E & M signaling leads conventionally known as Type I (battery/ground) or Type II (contact closure type). Such E & M signaling leads are those terminal equipment or PBX leads (other than voice or data communications leads) used for the purpose of transferring supervisory or address signals across the interface.

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- (D) The connection of customer-provided registered terminal equipment and registered PBX Systems may be made only at the premises of the customer to a Series 100 or 400 Private Line Service furnished to provide indications of message registration of outgoing calls or Automatic Identification of Outward Dialing (AIOD) to such customer-provided equipment or systems.

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In addition, customers who intend to install, perform additions to or make rearrangements of AIOD functions shall give advance notice to the Company in accordance with the procedures specified in the Federal Communications Commission's Rules and Regulations or as otherwise authorized by the Federal Communications Commission.

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## PRIVATE LINE SERVICE

1. Regulations (Cont'd)1.6 Connections (Cont'd)1.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems(A) Direct Connections

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- (1) Grandfathered terminal equipment and grandfathered communications systems directly connected to the Private Line Services specified in Paragraph 1.6.2 (B), preceding, are subject to regulations as stated in Section 7 - Specialized Services of the Local Exchange Tariff. Such connections are subject to the minimum protection criteria set forth in Paragraph 1.6.4 (F), following.
- (2) Grandfathered terminal equipment and grandfathered communications systems directly connected to the Private Line Services specified in Paragraphs 1.6.2 (C) and (D), preceding, may remain connected for the life of the equipment without registration and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations, subject to the following:
- (a) All such connections shall comply with the minimum protection criteria set forth in Paragraph 1.6.4 (F), following.
- (b) No changes may be made to equipment so connected except by the manufacturer thereof or a duly authorized agent of the manufacturer.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program(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 Connection with  
Loudspeaker and Sound RecordingVideo Channels (Provided via Special Assembly Request  
for Closed Circuit TV)

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- (2) Except as otherwise provided elsewhere in this Tariff, Customer Premises Equipment and Communications Systems may be electrically connected to Private Line Services in accordance with the above.
- (a) When the Customer Premises Equipment or Communications System is connected with Private Line Service furnished by the 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 Company.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Cont'd)MISSOURI  
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CANCELLED(A) General (Cont'd)

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## (2) (Cont'd)

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

[1] Except as otherwise specified in Paragraph 1.6.4 (D)(1)(d), following, such connections shall be made through a connecting arrangement as provided in Paragraph 1.6.4, and

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

- (c) Customer Premises Equipment or Communications Systems connected pursuant to Paragraphs 1.6.4 (a)(2)[a] or [b] preceding, must comply with the minimum protection criteria specified in Paragraph 1.6.4 (F), 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 Company may be used with such service components for such purpose under the conditions set forth below:

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1. Regulations (Cont'd)1.6 Connections (Cont'd)MISSOURI  
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(B) Data Terminal Equipment (Cont'd)

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(1) Direct Electric Connection (Cont'd)

## (a) (Cont'd)

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[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 Company is to furnish the type channel and channel conditioning as ordered and specified by the customer.

[2] Except as otherwise specified in Paragraph 1.6.4 (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 Company.

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

## [a] DATAPHONE Data Sets

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

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1. Regulations (Cont'd)1.6 Connections (Cont'd)

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1.6.4 Connections of Customer Premises Equipment and Communications  
Systems Not Subject to the Federal Communications Commission's  
Registration Program (Cont'd)

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- (B) Data Terminal Equipment (Cont'd)  
(1) Direct Electric Connection (Cont'd)  
(a) (Cont'd)  
[3] (Cont'd)

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[a] DATAPHONE Data Sets (Cont'd)BY 93-1  
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Conditioning the data signals generated by the customer-  
provided equipment to signals suitable for transmission by  
means of Company service components;

Conditioning signals transmitted by means of Company service  
components to data signals suitable for reception by  
customer-provided equipment; and

Network control signaling when required in accordance with  
Paragraph 1.6.4 (A), preceding, and Paragraph 1.6.4 (F),  
following.

[b] 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 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.

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1.6 Connections (Cont'd)

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1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Cont'd)Public Service Commission  
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(C) Voice Terminal Equipment

- (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 1.6.4 (A)(2)(b), preceding.

- (a) The connection shall be made through a network control signaling unit and a connecting arrangement furnished by the 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.

- (2) Attested Equipment and Conforming Answering Devices may be used with Private Line Service subject to the provisions as stated in the Specialized Services Section of the Local Exchange Tariff.

(D) Communications Systems

- (1) Customer-provided communications systems (other than communications systems connected pursuant to Paragraphs 1.6.2 and 1.6.3, preceding) may be connected to Private Line Service in accordance with Paragraph 1.6.4 (D)(1). 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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1.6 Connections (Cont'd)

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1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Cont'd)

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(D) Communications Systems (Cont'd)

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## (1) (Cont'd)

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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.

(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 of voice grade or less furnished in connection with TELPAK Service furnished by the Company or to channels created therefrom in accordance with the provisions of Paragraph 1.6.5, following.

(d) When the Private Line Service is arranged as provided in Paragraph 1.6.4 (A)(2)(b), preceding, the connection is made through:

[1] A connecting arrangement provided by the Company, or

[2] Registered or grandfathered terminal equipment, communications system or protective circuitry which, either singularly or in combination, assures that the requirements of the Federal Communications Commission's Rules and Regulations are met at the private line network interface.

Minimum protection criteria as set forth in Paragraph 1.6.4 (F), following, must be complied with when the connection is made through equipment or systems that are not registered.

In lieu of these requirements for total hardware protection, an optional, alternative method as described in Paragraph 1.6.4 (D)(1)(e), following, is available for the control of signal power only.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)

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1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission Registration Program (Cont'd)

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(D) Communications Systems (Cont'd)

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(1) (Cont'd)

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- (e) When customer-provided communications systems not subject to the Federal Communications Commission's Rules and Regulations are connected to Private Line Services that are arranged as provided in Paragraph 1.6.4 (A)(2)(b), preceding, and the connection is through (a) a Company-provided connecting arrangement or (b) registered or grandfathered terminal equipment, communications system or protective circuitry which assures that all of the requirements of the Federal Communications Commission's Rules and Regulations are met at the Private Line Service network interface, no further action is required. However, when a customer elects to connect a communications system to Private Line Service and the registered or grandfathered 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 institutional procedures:

- [1] 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.
- [2] The operator(s)/maintainer(s) responsible for the establishment, maintenance and adjustment of the voice frequency signal power present at the Private Line Service network interface must be trained to perform these functions by successfully completing one of the following:

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1. Regulations (Cont'd)MISSOURI  
Public Service Commission1.6 Connections (Cont'd)1.6.4 Connections of Customer Premises Equipment and Communications  
Systems Not Subject to the Federal Communications Commission's  
Registration Program (Cont'd)

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(D) Communications Systems (Cont'd)(1) (Cont'd)  
(e) (Cont'd)  
[2] (Cont'd)

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- [a] A training course provided by the manufacturer of the equipment used to control voice frequency signal power; or
- [b] A training course provided by the customer or authorized representative, who has responsibility for the entire communications system, using training materials and instructions provided by the manufacturer of the equipment used to control the voice frequency signal power; or
- [c] An independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the equipment used to control the voice frequency signal power; or
- [d] In lieu of the preceding training requirements, the operator(s)/ maintainer(s) is under the control of a supervisor trained in accordance with Paragraphs 1.6.4 (d)(1)(a) through (c), preceding.

Upon request, the customer is required to provide the proper documentation to demonstrate compliance with these requirements.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Cont'd)MISSOURI  
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(D) Communications Systems (Cont'd)(1) (Cont'd)  
(e) (Cont'd)BY  
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Missouri

[3] At least 10 days' advance notice must be given to the Company in the form of a notarized affidavit before the initial connection of the customer-provided communications system. A copy of the affidavit must also be maintained at the customer's premises. The affidavit must contain the following information:

[a] The full name, business address, business telephone number and signature of the customer or authorized representative who has the responsibility for the operation and maintenance of the communications system.

[b] The line(s) which the communications system will be either connected to or arranged for connection to.

[c] A statement that all operations associated with the establishment, maintenance and adjustment of the signal power present at the Private Line Service network interface will comply with the Federal Communications Commission's Rules and Regulations.

[d] A statement describing how each operator/maintainer of the communications system will meet and continue to meet the training requirements for persons installing, adjusting or maintaining the communications system.

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## PRIVATE LINE SERVICE

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1. Regulations (Cont'd)

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1.6 Connections (Cont'd)

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1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Cont'd)

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(D) Communications Systems (Cont'd)

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(1) (Cont'd)

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(f) Extraordinary ProceduresBY  
Public Service Commission  
Missouri

[1] The Company may invoke extraordinary procedures to protect the Private Line Service where one or more of the following conditions are present:

[a] Information provided in the affidavit gives reason to believe that a violation of the Federal Communications Commission's Rules and Regulations or the Institutional Procedures set forth in Paragraph 1.6.4 (D)(1)(e), preceding, is likely.

[b] Harm has occurred and there is reason to believe this harm was a result of operations performed under the Institutional Procedures set forth in Paragraph 1.6.4 (D)(1)(e), preceding.

[2] The extraordinary procedures which can be invoked by the Company include:

[a] Requiring the use of protective apparatus which either protects solely against signal power or which assures that all of the requirements of the Federal Communications Commission's Rules and Regulations are met at the Private Line Service network interface. This protective apparatus may be provided by either the Company or the customer.

[b] Disconnecting service.

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## PRIVATE LINE SERVICE

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1. Regulations (Cont'd)

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1.6 Connections (Cont'd)

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1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Cont'd)

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(D) Communications Systems (Cont'd)

(1) (Cont'd)

(f) Extraordinary Procedures (Cont'd)

[3] A charge equal to the Trouble Isolation Charge as provided in Paragraph 1.6.1 (B)(2), preceding, will apply when:

[a] It is necessary to send a Company employee to the premises where the connection is made because a condition set forth in Paragraph 1.6.4 (D)(1)(f)[1], preceding, exists, and

[b] A failure to comply with the Federal Communications Commission's Rules and Regulations or the Institutional Procedures for signal power control in Paragraph 1.6.4 (D)(1)(e), preceding, is disclosed. CANCELLED

(E)

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(F) Minimum Protection Criteria for Electrical ConnectionsBY 93-1  
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(1) Since Private Line Services utilize 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 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 Company for each application to be consistent with the signal power allowed on the telecommunications network.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)MISSOURI  
Public Service Commission1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Cont'd)(F) Minimum Protection Criteria for Electrical Connections (Cont'd)

- (2) To protect other services, it is necessary that the signal which is applied by the customer-provided equipment to the 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 1.6.4 (F)(1) above.

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- (b) The power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt.

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- (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 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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1. Regulations (Cont'd)1.6 Connections (Cont'd)MISSOURI  
Public Service Commission1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Cont'd)(F) Minimum Protection Criteria for Electrical Connections (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 in Paragraphs 1.6.4 (f)(4)[a] through [d], following:

(a) The maximum rms (root-mean-square) value, including dc and ac components of the current per conductor will be specified by the 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 be such that the conductor-to-ground voltage limit in (b), above, is not exceeded. If the signal source is not grounded, the voltage limit in Paragraph 1.6.4 (F)(4)(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:

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1. Regulations (Cont'd)1.6 Connections (Cont'd)MISSOURI  
Public Service Commission1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Cont'd)(F) Minimum Protection Criteria for Electrical Connections (Cont'd)

(4) (Cont'd)

(d) (Cont'd)

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For Frequencies BetweenWeighting Factor

50 Hertz and 100 Hertz

 $f^2/10^4$ 

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100 Hertz and 300 Hertz

 $f^{3.3}/10^{6.6}$ 

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where f is the numerical value of the frequency, in Hertz,  
of the frequency component being weighted.1.6.5 Channel Derivation Devices

Customer-provided channel derivation devices which are used to create additional channels in accordance with Paragraphs 1.6.5 (A) and (B), following, may be connected to Private Line Services subject to Paragraphs 1.6.1, 1.6.2 and 1.6.3, preceding.

(A) 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 except Medium Speed Facsimile.

(B) The Company makes no representation as to: (1) the suitability of the channels it provides for such subdivision into additional channels by derivation equipment or (2) the suitability of the resultant derived channels for any communications purpose.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)

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1.6.7 Connections of Certain Facilities of Power, Pipeline and Railroad Companies \* Public Service Commission

Service components of an electric power company, an oil, oil products or natural gas pipe line company, or a railroad company provided primarily to communicate with points located along a right-of-way (including premises of such company anywhere in cities, towns or villages along the right-of-way) owned or controlled by such company may, in lieu of the provisions of Paragraphs 1.6.3 and 1.6.4 (D), preceding, be connected with services furnished by the Company to the same customer, subject to the following:

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(A) Such connections will be made by means of switching or connecting equipment furnished by the Company.

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(B) Such customer telephone service components will be connected to Private Line Services furnished by the Company for voice transmission and utilizing a Series 400 channel when furnished to the same customer, for communications with service points associated with such services; provided, however, that service components of the customer will not be connected to a local or toll central office line to form a through connection except as follows:

- (1) In cases of emergency involving safety of life or property;
- (2) In cases of calls originated by railroad employees under circumstances indicating need for prompt action to secure or maintain the safety, continuity or reliability of railroad service to the public, and related to the movement of passengers, mail, property or equipment by railroad, or the repair, maintenance or construction of railroad rights-of-way, structures or equipment.;
- (3) In cases where the customer service components serve locations where it is hazardous or inaccessible for the Company to furnish its service components; and

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\* Obsolete - Applicable to existing installations at existing locations for existing customers.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)1.6.7 Connections of Certain Facilities of Power, Pipeline and Railroad Companies \* (Cont'd)

(B) (Cont'd)

(4) During an interim period in cases where the customer has arranged for replacement of said customer service components with service components of the Company.

(C) Telephone circuits of such companies will be connected to a local or toll central office line to form a through connection only through manual switching equipment or an attendant's position of dial PBX equipment. Such equipment or position may be located at either or both ends of the customer's circuit.

(D) Connection of a telephone circuit of such companies as specified in Paragraphs 1.6.7 (B)(2), (3) or (4), preceding, may be established at either end of such circuit, but shall not be established at both ends simultaneously.

(E) Customer teletypewriter or morse, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling service components will be connected to Private Line Service furnished by the Company for such purposes to the same customer.

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(F) Company-provided Private Line Services, when connected with service components of the customer, will not be used for communications of other than the customer, except that such services may be used for the communications of, and be connected with services furnished by the Company, to other companies which:

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MISSOURI

(1) Are operated with the customer as parts of an integrated electric power, oil, oil products or natural gas system of railroad system under direct or common ownership or control, or

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1. Regulations (Cont'd)1.6 Connections (Cont'd)

MISSOURI

1.6.7 Connections of Certain Facilities of Power, Pipeline and Railroad Companies \* (Cont'd) Public Service Commission

(F) (Cont'd)

(2) Own or operate an electric power or pipe line or railroad system jointly with the customer; or

(3) Own or operate electric power or pipe line or railroad service components interconnected with those of the customer.

Company-provided line services when so connected may be connected to a local or toll central office line to form a through connection for communications of other companies specified in Paragraph 1.6.7 (F)(1), (2) or (3), preceding, including calls originated by employees of such companies only under the circumstances set forth in Paragraphs 1.6.7 (B)(1) and (2), preceding.

(G) Customer Premises Equipment and Communications Systems connected to the Private Line Services specified in Paragraph 1.6.2 (B), preceding, in accordance with Paragraphs 1.6.7 (A) through (G), preceding, prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of Customer Premises Equipment or Communications Systems subject to the Federal Communications Commission's Rules and Regulations connected to such Private Line Services must meet the requirements of the Federal Communications Commission's Rules and Regulations.

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1. Regulations (Cont'd)

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1.6 Connections (Cont'd)

MISSOURI

1.6.8 Connections of Certain Facilities of the U. S. Army, Navy and Air Force \*

Public Service Commission

Service components of the U. S. Department of the Army, Navy or Air Force will be connected with services furnished by the Company, in lieu of the provisions of Paragraphs 1.6.3 and 1.6.4 (D), preceding, as provided in Paragraphs 1.6.9 (A) and (B), following, where the Secretary of the appropriate Department or his authorized representative, notifies the Company in writing that such connection is required for reasons of military necessity. Such connections will be made by means of switching or connecting equipment furnished by the Company.

(A) Telephone service components of the aforesaid Departments will be connected to Private Line Services furnished by the Company for voice transmission and utilizing a Series 400 channel for communications with service points associated with such services; provided, however, that such Department service points will not be connected to a local or toll central office line to form a through connection, except in cases of emergency involving safety of life or property, unless such service components are provided in locations where it is impracticable for the Company to furnish its services.

(B) Teletypewriter or morse, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling service components of the aforesaid Departments will be connected to Private Line Services furnished for such purposes.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)MISSOURI  
Public Service Commission1.6.8 Connections of Certain Facilities of the U. S. Army, Navy and  
Air Force \* (Cont'd)

(C) Customer Premises Equipment and Communications Systems connected to the Private Line Services specified in Paragraph 1.6.2 (B), preceding, in accordance with Paragraphs 1.6.8 (A) and (B), preceding, prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of Customer Premises Equipment or Communications Systems subject to the Federal Communications Commission's Rules and Regulations connected to such Private Line Services must meet the requirements of the Federal Communications Commission's Rules and Regulations.

1.6.9 Connection of Services Furnished by the 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 Paragraphs 1.6.9 (A)(1) or (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 Company, or

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1. Regulations (Cont'd)1.6 Connections (Cont'd)MISSOURI  
Public Service Commission1.6.9 Connection of Services Furnished by the Company to Different Customers (Cont'd)

(A) (Cont'd)

With a Private Line Service, Long Distance Message Telecommunications Service, Local Exchange Service or WATS access line furnished to a different customer.

As specified under (7) through (9), following, 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 International private lines for teletypewriter transmission, used in establishing an Emergency Action Notification System.

Connections, as specified above, will be provided only when the same types of channels (except Long Distance Message Telecommunications Service, Local Exchange Service or WATS lines as set forth in (4) and (6), following, are involved) are connected the same forms of electrical communication are used over the connected channels.

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MISSOURI

- (1) Where the Private Line Service is furnished to the Government for teletypewriter transmission for the collection and dissemination of (1) weather information, (2) miscellaneous airways information pertaining to the supervision of the flight of aircraft along the civil airways, or (3) agricultural and farm market information, connection may be made as follows:

- (a) Receiving-Only Service - for reception of weather and miscellaneous airways information and agricultural and farm market information transmitted over the Government service to which it is connected.

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1. Regulations (Cont'd)

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1.6 Connections (Cont'd)

MISSOURI

1.6.9 Connection of Services Furnished by the Company to Different Customers (Cont'd)

Public Service Commission

(A) (Cont'd)

(1) (Cont'd)

(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.

CANCELLED

(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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Missouri

(3) Series 600 channels may be connected to the extent specified in the following paragraph and in accordance with Paragraph 2.2.5.

Series 600 channels may be used only by the customer, except that emergency and defense warning announcements may be made by authorized civil defense office via Series 600 local channels, interoffice channels, interexchange channels and channel terminals between the civil defense office and the customer's studio.

(4) Channels of voice grade or less furnished by the Company to one customer may be connected to channels created by another customer from a channel in accordance with Paragraph 1.6.5, preceding; channels have been created by the other customer.

(5) 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 will be made by means of service components provided by the Company.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)MISSOURI  
Public Service Commission1.6.10 Connection of Services Furnished by the Company with Services of Interexchange Customers(A) General

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

CANCELLED

1.6.11 U. S. Government Executive Departments and Agencies \*

Equipment of a Department or Agency of the Executive Branch of the U. S. Government used for the purpose of disguising or concealing the contents or meaning of communications may be connected to Company services, subject to the regulations and conditions below:

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- (A) The head of the Department or Agency whose equipment is to be connected, or his authorized representative, shall notify the Company in writing that such connection is necessary to safeguard official information which requires protection in the interests of national defense or other confidential official information disclosure of which to unauthorized persons would be detrimental to the public interest.
- (B) The Government equipment shall be so constructed, maintained and operated as to work satisfactorily with the service components of the Company.
- (C) The connection shall be made by means of service components by the Company, subject to the provisions of Paragraph 1.6.3, preceding.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)

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1.6.12 Connection of Services Furnished by the Company to the Same Customer

A Private Line Service furnished by the Company may be connected to another private line furnished by the Company, or by the Company and its interexchange customers, or to another service provided by the Company as specified in Paragraphs 1.6.12 (A) through (G), 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.

All connections will be made through connecting arrangements furnished in connection with channel switching arrangements provided by the Company or through switching equipment provided by the customer, except as otherwise provided in Paragraph 1.6.12 (B), following:

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- (B) Private Line Services provided for wired music distribution (Series 600) may be connected to the extent specified in Paragraph 2.2.5, following.

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Missouri

- (C) Channels created by the customer in accordance with the provisions of Paragraph 1.6.5, preceding, may be connected at the customer's premises:

- (1) To channels of voice grade or less and furnished by the Company, and the channels created therefrom as authorized in Paragraph 1.6.5, preceding.

The connection of channels specified above is subject to the regulations contained in Paragraphs 1.6.1, 1.6.2 and 1.6.3, preceding.

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1. Regulations (Cont'd)1.6 Connections (Cont'd)MISSOURI  
Public Service Commission1.6.12 Connection of Services Furnished by the Company to the Same Customer (Cont'd)

- (D) 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 Long Distance Message Telecommunications 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.

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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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- (E) The telecommunications network may be used in conjunction with channels for medium speed facsimile transmission to extend the transmission and reception of pictures and similar material for publication, subject to the rates and regulations specified in the Local Exchange Tariff. No direct connection of the telecommunications network shall be made to the above-type channels at the premises of the customer, except where protective connection equipment is provided for this purpose by the Company.

- (F) Channels of less than voice grade may be connected at the customer's premises to Long Distance Telecommunications Service, Local Exchange Service or a WATS access line through switching equipment provided by the customer or through 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 Company.

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## PRIVATE LINE SERVICE

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1. Regulations (Cont'd)1.6 Connections (Cont'd)1.6.14 Connections of Customer-Provided Test Equipment(A) Totally Protective Connections

- (1) Customer-provided test equipment may be connected to those Private Line Services specified in Paragraph 1.6.2, preceding, at the premises of the customer through registered or grandfathered terminal equipment, protective circuitry or communications systems subject to the Federal Communications Commission's Rules and Regulations which, either singularly or in combination, assure that all of the requirements of the Federal Communications Commission's Rules and Regulations (total protection) are met at the Private Line Service interface.

CANCELLED

- (2) Customer-provided test equipment may be connected to those Private Line Services specified in Paragraph 1.6.4 (A)(2), 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 1.6.4 (F), preceding, is continually met at the Private Line Service interface.

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MISSOURI(B) Program for Connections of Customer-Provided Test Equipment

Customer-provided test equipment may also be connected at the premises of the customer to those Private Line Services specified in Paragraph 1.6.2, preceding, either (a) directly at the Private Line Service interface or (b) through terminal equipment, protective circuitry or communications systems subject to the Federal Communications Commission's Rules and Regulations which do not provide protection for signal power control under the following program provided that:

- (1) The customer-provided test equipment is limited to transmission signal power generating and/or detection devices, or similar devices, utilized by the customer for the detection and/or isolation of a communications service fault.

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## PRIVATE LINE SERVICE

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1. Regulations (Cont'd)1.6 Connections (Cont'd)

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1.6.14 Connections of Customer-Provided Test Equipment (Cont'd) **Public Service Commission**(B) Program for Connections of Customer-Provided Test Equipment  
(Cont'd)

- (2) The customer-provided test equipment is of a type that was lawfully directly connected to Private Line Service as of March 6, 1981. Such test equipment may remain connected, be moved or reconnected during the life of the test equipment unless it has been subsequently modified.

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- (3) Direct connection of customer-provided test equipment or connections through Company-provided terminal equipment communications systems subject to the Federal Communications Commission's Rules and Regulations are made through Company-provided jacks or as otherwise authorized by the Company.

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- (4) Customer-provided test equipment must be operated in accordance with the Institutional Procedures for Signal Power Control as specified in Paragraph 1.6.14 (C), following.

- (5) The customer notifies the Company of each Private Line Service at each premises to which the customer-provided test equipment will be connected in advance of the initial connection. The customer must also notify the Company when such test equipment is permanently disconnected at each premises.

- (6) No customer-provided test equipment or combination of test equipment with terminal equipment, protective circuitry or communications systems subject to the Federal Communications Commission's Rules and Regulations (including but not limited to wiring) may cause electrical hazards to Company personnel, damage to Company equipment, malfunction of Company billing equipment, or degradation of service to persons other than the user of the subject test equipment or the user's calling or called party.

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## PRIVATE LINE SERVICE

1. Regulations (Cont'd)1.6 Connections (Cont'd)1.6.14 Connections of Customer-Provided Test Equipment (Cont'd) **RECEIVED**  
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**MISSOURI Public Service Commission**(C) Institutional Procedures for Signal Power Control **CANCELLED**

(1) In accordance with Paragraph 1.6.14 (B)(4), preceding, the customer must comply with the following Institutional Procedures:

(a) The customer must install, operate and maintain the test equipment so that its signal power at the Private Line Service interface complies with the Federal Communications Commission's Rules and Regulations. **SEP 15 1994**  
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(b) The operator(s)/maintainer(s) responsible for the test equipment signal power present at the Private Line Service interface must be trained to perform these functions by successfully completing one of the following:

- [1] A training course provided by the manufacturer of the test equipment, or
- [2] A training course provided by the customer, or authorized representative of the customer, using training materials and instructions provided by the manufacturer of the test equipment, or
- [3] An independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the test equipment, or
- [4] In lieu of the preceding training requirements, the operator(s)/maintainer(s) is under the control of a supervisor trained in accordance with Paragraph 1.6.14 (C)(1)(b)[1] through [3], preceding.

Upon request, the customer is required to provide proper documentation to demonstrate compliance with the requirements in Paragraph 1.6.14 (C)(1)(b).

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## PRIVATE LINE SERVICE

1. Regulations (Cont'd)

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1.6 Connections (Cont'd)

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1.6.14 Connections of Customer-Provided Test Equipment (Cont'd)

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(C) Institutional Procedures for Signal Power Control (Cont'd)

Public Service Commission

(1) (Cont'd)

(c) Advance notice must be given to the Company in the form of a notarized Affidavit before the initial connection of the customer-provided test equipment at each premises after April 9, 1981. A copy of the Affidavit must also be maintained at the customer's premises. The affidavit must contain the following information:

[1] The full name, business address, business telephone number and signature of the customer or authorized representative who has responsibility for the operation of the test equipment.

[2] The line(s) to which the test equipment will be either connected to or arranged for connection to.

[3] A statement that all operations associated with the establishment, maintenance and adjustment of test equipment signal power present at the Private Line Service interface will comply with the Federal Communications Commission's Rules and Regulations.

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[4] A statement describing how each operator of the test equipment will meet and continue to meet the training requirements for persons installing, connecting, adjusting or maintaining the test equipment.

(2) Extraordinary Procedures

(a) The Company may invoke extraordinary procedures to protect the telecommunications network where one or more of the following conditions are present:

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## PRIVATE LINE SERVICE

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1. Regulations (Cont'd)

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1.6 Connections (Cont'd)

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1.6.14 Connections of Customer-Provided Test Equipment (Cont'd) Public Service Commission(C) Institutional Procedures for Signal Power Control (Cont'd)

(2) (Cont'd)

(a) (Cont'd)

[1] Information provided in the Affidavit gives reason to believe that a violation of the Federal Communications Commission's Rules and Regulations or the Institutional Procedures set forth in Paragraph 1.6.14 (C)(1), preceding, is likely.

[2] Harm has occurred, and there is reason to believe this harm was a result of operations performed under the Institutional Procedures set forth in Paragraph 1.6.14 (C)(1), preceding.

(b) The extraordinary procedures which can be invoked by the Company include:

[1] Requiring the use of protective apparatus which either protects solely against excessive signal power or which assures that of the requirements of the Federal Communications Commission's Rules and Regulations are met at the Private Line Service interface.

[2] Disconnecting service.

(c) A charge equal to the Trouble Isolation Charge as set forth in Paragraph 1.6.1 (B)(2), preceding, will apply when:

[1] It is necessary to send a repair person to the premises where the test equipment is connected because a condition as set forth in Paragraph 1.6.14 (C)(2)(a), preceding, exists, and

[2] A failure to comply with the Institutional Procedures for signal power control is disclosed.

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1. Regulations (Cont'd)
- 1.7 Special Taxes, Fees and Charges
- 1.7.1 General

(A) 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 Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due or to hereafter become due.

(B) 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.

(C) 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 increased 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.

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1. Regulations (Cont'd)

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1.7 Special Taxes, Fees and Charges (Cont'd)

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1.7.1 General (Cont'd)

Public Service Commission

- (D) 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% minus the tax expressed as a percentage and multiplying the decimal thus obtained by the customer's charges to which such tax applies.

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

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

- (F) 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.

1.8 Method of Applying Rates

- 1.8.1 The method of applying rates for Series 600 Private Line Service is determined as set forth in Section 2, Paragraph 2.2.5. The paragraphs where certain other services are set forth are as follows:

Customer-Owned Telephotograph and Facsimile, 2.2.8  
DATAPHONE Select-a-Station, 2.2.9.

- 1.8.2 The method of applying rates for intraLATA interexchange Private Line Service involving two-point and multipoint service for Series 100, 200, 400 and Series 600 are determined as follows:

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## PRIVATE LINE SERVICE

1. Regulations (Cont'd)  
1.8 Method of Applying Rates (Cont'd)  
1.8.2 (Cont'd)  
(A) Local Channel

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Public Service CommissionTwo-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, 432, 437, 442, 443, 614, 615 and 616. Types 610, 611, 612 and 613 may have either one or two local channels.

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Multipoint

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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 Types 415, 417A, 417B, 432, 437, 442, 443 and Series 600.

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## PRIVATE LINE SERVICE

1. Regulations (Cont'd)  
1.8 Method of Applying Rates (Cont'd)  
1.8.2 (Cont'd)  
(B) Channel Terminals

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Public Service Commission

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

- (C) IntraLATA Interexchange Channel (1)

Two-Point

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

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(1) Fractional V-H miles are to be considered whole V-H miles.

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1. Regulations (Cont'd)
- 1.8 Method of Applying Rates (Cont'd)
- 1.8.2 (Cont'd)
- (C) IntraLATA Interexchange Channel (1) (Cont'd)
- Two-Point (Cont'd)

Interexchange mileage between a company's 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 offices.

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Multipoint

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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 Types 415, 417A, 417B, 432, 437, 442, 443 and Series 600.

- (D) Additional Point of Termination of a Local Channel in Different Buildings (Same Premises) (2)

Charges, as provided in Paragraph 2., following, for extending a local channel beyond the network interface located on the customer's premises and terminating the channel at a station location in a different building on the same premises shall apply in lieu of additional local channel charges.

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- (1) Fractional V-H miles are to be considered whole V-H miles.
- (2) The monthly rate for these services shown in Paragraph 2., following, does not include maintenance and/or repair.

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1. Regulations (Cont'd)1.8 Method of Applying Rates (Cont'd)MISSOURI  
Public Service Commission

## 1.8.2 (Cont'd)

(D) Additional Point of Termination of a Local Channel in Different Buildings (Same Premises) (1) (Cont'd)

When all station locations of a single Private Line Service are located beyond the network interface in different buildings on the same premises, the charge for the channel between each pair of buildings shall be the same as the charge for extending a local channel to a station location in different buildings on the same premises as specified in Paragraph 2., following.

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(E) Additional Point of Termination in Same Building (1)

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Charges as provided in Paragraph 2., following, for extending a local channel beyond the network interface located on the customer's premises and terminating the channel at a station location in the same building shall apply in lieu of additional local channel charges.

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MISSOURI(F) Same Building (1)

When all station locations of a Private Line Service are located beyond the network interface and are in the same building, same building charges as provided in Paragraph 2., following, apply.

(G) Exceptions

In those cases where one customer premises involved in an intraLATA interexchange private line service is located in a different Local Exchange 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 Company's tariff.

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- (1) The monthly rate for these services shown in Paragraph 2., following, does not include maintenance and/or repair.

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## PRIVATE LINE SERVICE

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1. Regulations (Cont'd)
- 1.8 Method of Applying Rates (Cont'd)
- 1.8.2 (Cont'd)
- (G) Exceptions (Cont'd)

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- (2) The rate for the applicable intraLATA interexchange per mile mileage will be the rate in each Local Exchange Company's tariff. Each Local Exchange Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Company's per mile rate for the airline (V-H) mileage between the primary serving office of each Local Exchange Company.

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- (H) 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 Types 415, 417A, 417B, 423, 437, 442, 443 and Series 600.

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- (I) Service Charges

A charge applies per point of termination installed or moved as provided in Paragraph 2., following. Those services with one local channel shall be billed as provided in Paragraph 2., following. Private Line Service Charges for Local Channel Type 415 do not apply for inside moves within the same building on the same premises.

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- (J) Special Routing of Channels

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

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Special routing is involved where, in order to comply with requirements specified by the customer, the 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 Paragraph 2., following.

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

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1. Regulations (Cont'd)  
1.8 Method of Applying Rates (Cont'd)  
1.8.3 Determination of V-H Mileages

- (A) Obtain the "V" and "H" coordinates for each primary service office or serving office.  
(B) 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.

- (C) Square each difference obtained in Paragraph 1.8.3 (B) above.  
(D) Add the squares of the "V" differences and the "H" difference obtained in Paragraph 1.8.3 (C), above.  
(E) Divide the sum of the squares obtained in Paragraph 1.8.3 (D), above, by 10.  
(F) Obtain the square root of the result obtained in Paragraph 1.8.3 (E) above. This is the rate distance in miles (fractional miles being considered as full miles).

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PRIVATE LINE SERVICE

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2. Services and Rates

2.1 General

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2.1.1 In addition to the regulations set forth in the Regulations Section of this Tariff applicable to Private Line Services, additional regulations are set forth throughout this Section.

2.1.2 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.

2.1.3 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 Company. The Company has overall responsibility for the Private Line Service (up to the demarcation point on the customer premises at which the interface appears), including the selection of all local channels.

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2.1.4 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.

2.1.5 When the number of Private Line Services is such that cable service components are required, such cable service components may be provided specifically for the customer's use and not as a part of the Company's general distributing plant, at charges based upon cost in lieu of tariff charges, where to do so will result in lower charges to the customer.

2.1.6 The Network Interface for the connection of premises services consists of a standard registration jack or its equivalent and is provided as part of the Private Line Service.

2.2 Description of Services

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2.2.1 Special Signaling Service - Series 100

(A) These channels are suitable for use with Two-Point or Multipoint 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.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.1 Special Signaling Service - Series 100 (Cont'd)

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## (A) (Cont'd)

Public Service Commission

It is expressly declared that metallic interoffice service components for this type of service are in continually decreasing supply, and the Company is not obligated to continue to make such additional service components available.

Those local channels used to provide a transmission path to connect with customer premises equipment (CPE) at a premises are defined in terms of electrical interfaces. Interconnection protection criteria and regulations as described in Paragraph 1.6. shall apply.

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The types of local channels offered for termination at a premises for termination in customer premises equipment and systems are as follows:

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- (1) Type 102 - Transmission Characteristics in Paragraph 2.2.1 (C), following.

- (B) Type 102 service is furnished on an intraLATA intraexchange multipoint (minimum of 4 points, maximum of 26 points) basis. Type 102 service is also provided on an intraLATA interexchange two-point or multipoint (maximum of 26 points) basis.

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

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.1 Special Signaling Service - Series 100 (Cont'd)

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(C) Transmission characteristics of Type 102 are as follows: Public Service Commission

- (1) 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 Company's option. Transmission Specifications and Limitations are described in Contel of Missouri, Inc.'s Intrastate Access Service Tariff under REFERENCE TO TECHNICAL PUBLICATIONS.

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2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.1 Special Signaling Service - Series 100 (Cont'd)

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(D) Rates - IntraLATA Interexchange Type 102

	<u>Monthly Rate</u>	<u>Service Charge</u>
(1) Local Channel, each, per first termination on a premises		
Type 102 (1L3QY)(1LMCY)	\$ 17.65	\$ 240.00

	<u>Monthly Rate</u>	
	<u>0 to 250 miles each mile</u>	<u>Each additional mile over 250</u>
(2) Interexchange Channel, per V-H mile or fraction thereof		

Type 102 (1L3Q4)(1LMC4) \$ 3.65 \$ 1.00

	<u>Monthly Rate</u>	<u>Service Charge</u>
(3) Interexchange Channel terminal, each (two required per inter-exchange channel)		

Type 102 (OXN3S)(OXN2S) \$ 33.65 None

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2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.1 Special Signaling Service - Series 100 (Cont'd)

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(D) Rates - IntraLATA Interexchange Type 102Monthly  
RateService  
Charge

- (4) Each additional point of termination of a local channel, different building, same premises per 1/10 mile (2)

Type 102 First 1/10 mile (1L3QK)(1LMCK) \$ 4.00  
Additional 1/10 mile . . . . . \$ .55

\$ 75.00 CANCELLED

- (5) Each additional point of termination of a local channel in the same building (2)

Type 102 (1L3QA)(1LMCA)

2.45

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2.2.2 Sub-Voice Grade Service - Series 200

- (A) 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.
- (B) 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:

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- (1) Charge applies per point of termination inside moved.  
(2) The monthly rate shown does not include maintenance and/or repair.

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Public Service Commission2. Services and Rates (Cont'd)2.2 Description of Services (Cont'd)2.2.2 Sub-Voice Grade Service - Series 200 (Cont'd)

## (B) (Cont'd)

(1) Type 250 - An interface engineered for binary signals at rates up to 75 baud, 20  $\pm$  1 or 62.5  $\pm$  2.5 milliamperes neutral signals(1). 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.

(2) 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.

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

(C) Parameters and Specifications for Sub-Voice Grade Local Channels used with Customer Premises Equipment (CPE), as specified in Paragraph 2.2.2 (B).

Basic ParametersSpecification or Limit

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## Channel Signals

Local Channels used with CPE - as specified in Paragraph 2.2.2 (B), above.

Note that the specifications of channel signals refer to the requirement of the total service offering and not the individual local channel.

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- (1) The Company has the option of providing 20 or 62.5 milliamperes and will notify the customer of the current level to be supplied. The 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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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.2 Sub-Voice Grade Service - Series 200 (Cont'd)

MISSOURI

## (C) (Cont'd)

Public Service Commission

Basic ParametersSpecification or Limit

## Channel Distortion

Local Channels used with CPE - as specified in Paragraph 2.2.2 (B), above.

Note that the specifications for channel distortion refer to the requirement of the total service offering and not the individual local channel.

## (D) Power Requirement

For up to 75 Baud Type - Where the 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 Company will in all cases supply all voltage and current adjustments to the local channel.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.2 Sub-Voice Grade Service - Series 200 (Cont'd)

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(E) Rates - IntraLATA-Interexchange

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		<u>Half Duplex</u>	<u>Duplex</u>		
		<u>Monthly Rate</u>	<u>Monthly Rate</u>	<u>Service Charge</u>	
(1)	Local Channel, each, per first termination on a premises				
	Type 250	(1LYDY) \$ 23.65	(1LYKY) \$ 41.20	\$ 300.00	
		(1L6BY)	(1L6DY)		
		(1L3AY)	(1L2XY)		
		(1LMDY)	(1LMSY)		
	Type 251	(1LYDY) 43.85	(1LYKY) 59.90	300.00	
		(1L6BY)	(1L6DY)		
		(1L3AY)	(1L3CY)		
		(1LMFY)	(1LMDY)		CANCEL

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2. Services and Rates (Cont'd)2.2 Description of Services (Cont'd)2.2.2 Sub-Voice Grade Service - Series 200 (Cont'd)MISSOURI  
Public Service Commission

		<u>Half Duplex</u>	<u>Duplex</u>	
		<u>Monthly Rate</u>	<u>Monthly Rate</u>	<u>Service Charge</u>
(2)	Interexchange Channel, each V-H mile or fraction thereof			
	Type 250			
	0 to 250 miles	(1LYK4) \$ 1.80	(1LYD4) \$ 1.80	None
		(1L3C4)	(1L3A4)	
		(1L6D4)	(1L6A4)	
		(1LMD4)	(1LMF4)	
	Each additional mile	.90	.90	CANCE

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.2 Sub-Voice Grade Service - Series 200 (Cont'd)

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

Public Service Commission

		<u>Half Duplex</u>		<u>Duplex</u>		
			<u>Monthly Rate</u>		<u>Monthly Rate</u>	<u>Service Charge</u>
(2)	(Cont'd) Type 251					
	0 to 250 miles	(1LYK4)	\$ 2.45	(1LYD4)	\$ 2.45	None
		(1L3C4)		(1L3A4)		CANCELLED
		(1L6D4)		(1L6A4)		
		(1LMD4)		(1LMF4)		
	Each additional mile		1.50		1.50	SEP 15 1994
(3)	Interexchange Channel Terminal, per terminal (two required per interexchange channel)					BY 93-1 Public Service Commission 10/25/94
	Type 250	(01N2S)	40.85	(01N3S)	41.75	None
	Type 251	(01N2S)	38.15	(01N3S)	38.15	None

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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.2 Sub-Voice Grade Service - Series 200 (Cont'd)
- (E) Rates - IntraLATA-Interexchange (Cont'd)

		<u>Half Duplex</u>		<u>Duplex</u>			
			<u>Monthly Rate(3)</u>		<u>Monthly Rate(3)</u>	<u>Service Charge</u>	
(4)	Each additional point of termination of a local channel, different building, same permises, per 1/10 mile(1)						(L)
	Type 250						
	First 1/10 mile	(1LYDK)	18.15	(1LYKK)	18.15	\$130.00(2)	
		(1L3AK)		(1L3CK)		CANCELLED	
		(1L6BK)		(1L6DK)			
		(1LMFK)		(1LMDK)			
	Additional 1/10 mile		.60		1.15		
						SEP 15 1994	
(5)	Each additional point of termination of a local channel in same building(1)						
	Type 250	(W1W)	\$15.75	(W2W)	\$15.75	\$130.00(2)	(L)

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- (L) Limited to existing customers at existing locations.
- (1) Maximum of three terminations on the same premises for Type 250 and no additional terminations for Type 251.
- (2) Charge applies per point of termination inside moved.
- (3) The monthly rate shown does not include maintenance or repair.

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## PRIVATE LINE SERVICE

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2. Services and Rates (Cont'd)2.2 Description of Services (Cont'd)MISSOURI  
Public Service Commission2.2.3 Voice Grade Service - Series 400

(A) 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 (except as provided in Paragraph 2.1.5) are as set forth following:

- (1) 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 Company central office. E&M signaling is included in the local channel.
- (2) Type 414C - Furnished for tie line use, between two customer Centrex arrangements when both switching systems are located in a Company central office.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.3 Voice Grade Service - Series 400 (Cont'd)

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## (A) (Cont'd)

Public Service Commission

- (3) 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 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.

- (4) 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 Company central office and the customer premises identifier (417A). Furnished for voice transmission used with AUTOTAS Telephone Answering Service. For service between the Electronic Concentrator and the Traffic Director (417B).

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- (5) 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.(1) BY 93-1
- (6) 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.(1)

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- (1) 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 Services.

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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.3 Voice Grade Service - Series 400 (Cont'd)
- (A) (Cont'd)

- (7) Type 423 - A two-wire interface with effective two-wire service components engineered for a 1000 Hz net loss of up to 10dB 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.(1)
- (8) 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.
- (9) 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.
- (10) Type 428 - A two-wire interface with effective two-wire service components engineered for a 1000 Hz net loss of VLN +4dB. BY 93-1  
Normally suitable for use to provide an off-premises main extension station of a premises PBX (or similar) switching system.
- (11) Type 432 - Furnished for half duplex data transmission for an Automatic Identified Outward Dialing (AIOD) data channel. For use between a premises PBX (or similar) switching system and a serving office.

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- (1) 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 Services.

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## PRIVATE LINE SERVICE

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2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)2.2.3 Voice Grade Service - Series 400 (Cont'd)MISSOURI  
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## (A) (Cont'd)

(12) 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.

(13) Type 437 - Furnished for use with Centrex (with switching equipment located on Company premises) data link consoles. For service between the premises control cabinet and the serving office.

(14) Type 442 - Furnished for data transmission associated with a serving office located DATAPHONE Select-a-Station Service. For service between the central office Data Station Selector (DSS) and remote station requiring a two-wire interface.

(15) Type 443 - Furnished for data transmission associated with a serving office located DATAPHONE Select-a-Station Service. For service between the customer premises Selector Control Unit (SCU) and the Data Station Selector (DSS) or between a DSS and Remote Station requiring a four-wire interface.

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Signaling options required to arrange Series 400 channels for suitable signaling are available at charges specified in BY 93-1 Paragraph 2.2.15, 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

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2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)2.2.3 Voice Grade Service - Series 400 (Cont'd)MISSOURI  
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## (A) (Cont'd)

Customers must insure that neither direct transmitted signal nor reflected signal energy is allowed to violate interconnection protection criteria and regulations as set forth in Paragraph 1.

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.

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(B) Parameters and Specifications

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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. DATAPHONE Select-a-Station application, specifications and limits are provided in the appropriate Bell System Technical Reference Pub 41014 and apply only to Types 442 and 443.

BASIC PARAMETERSSPECIFICATION OR LIMIT

## Net Loss

Local Channels used with customer-provided station equipment - Limit as specified in Standard Design Practices and/or 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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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.3 Voice Grade Service - Series 400 (Cont'd)
- (B) (Cont'd)

DC Resistance

Local Channels used with customer-provided station equipment - Limit as specified in Standard Design Practices and/or 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).

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Envelope Delay Distortion

For Speech Application, Public Service Commission controlled.

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

-13 dBm0 1000 Hz Test  
Signal to C-Notched Noise  
Ratio

For Speech Application, 20 dB

For Data Application, 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 6 dB below a -13 dBm0 rms 1000 HZ Test Signal.

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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.3 Voice Grade Service - Series 400 (Cont'd)
- (B) (Cont'd)

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. CANCELLED

Signal to 3rd Order  
Distortion

For Speech Application, 25 dB.

For Data Application, 30 dB. SEP 15 1994

- (C) Multipoint

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The Company will provide bridging equipment in serving offices to provide multipoint service. Bridging charges apply per channel (local channel and interexchange channel) in offices where three or more channels are bridged. Bridging charges do not apply to Foreign Exchange, Foreign Serving Office and Types 415, 417, 428, 442 and 443. See Paragraph 2.2.3 (D)(8) for intraLATA interexchange charges.

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

The transmission parameters specified in Paragraph 2.2.3 (B), preceding, 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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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.3 Voice Grade Service - Series 400 (Cont'd)
- (D) Rates - IntraLATA Interexchange

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	<u>Monthly Rate</u>	<u>Service Charge</u>
(1) Local Channel, each, per first termination on a premises		
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 432 (1L6QY)	49.70	500.00
Type 442 (1L6EY)	21.10	290.00
Type 443 (1L6FY)	45.55	570.00
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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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.3 Voice Grade Service - Series 400 (Cont'd)
- (D) Rates - IntraLATA-Interexchange (Cont'd)

	Monthly Rate	Service Charge
(2) Interexchange Channel, each V-H mile, or fraction thereof (1LHU4) 0 to 250 miles, per mile Each additional mile	\$ 4.10 1.05	None None
(3) Interexchange Channel Terminal, per terminal (two required per inter- exchange channel)		
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 432 (P1NM1)	31.90	None
Type 442 (P1NO1)	27.90	None
Type 443 (P1NP1)	27.90	None
Type 420 (P1NQ1)(P1NC1)	27.90	None
Type 422 (P1NR1)(P1NE1)	27.90	None
Type 423 (P1NS1)	27.90	None
Type 424 (P1NT1)	27.90	None
Type 425 (P1NU1)	27.90	None
Type 428 (P1NV1)	27.90	None
Type 435 (P1NW1)	27.90	None

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2. Services and Rates (Cont'd)  
2.2 Description of Services (Cont'd)  
2.2.3 Voice Grade Service - Series 400 (Cont'd)  
(D) Rates - IntraLATA Interexchange (Cont'd)

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	Monthly Rate (4)		Service Charge	
	First 1/10 mile	Each add. 1/10 mile		
(4) Each additional point of termination of a local channel in different building, same premises (1)(2)				(L)
Type 420 (1LMDK)(1L6DK)	20.80	1.15	120.00(1)	
Type 422 (1LMFK)(1L6BK)	7.75	.60	120.00(1)	
Type 423 (1LMGK)	4.50	.60	60.00(1)	
Type 425 (1LMJK)	8.85	1.15	60.00(1)	
Type 435 (1LMKK)	8.85	1.15	90.00(1)	(L)
(5) Business Extension Line (1LLBK)	4.50(3)			
	Monthly Rate(4)		Service Charge	
(6) Each additional point of termination of a local channel in same building (1)(2)				(L)
Type 420 (MUXD3) (MUX)	16.20		120.00(1)	
Type 422 (M8XF3) (M8X)	5.40		120.00(1)	
Type 423 (M8XG3)	2.75		60.00(1)	
Type 425 (MUXJ3)	4.15		60.00(1)	
Type 435 (M8XK3)	4.15		90.00(1)	(L)

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- (L) Limited to existing customers at existing locations.  
(1) Charge applies per point of termination inside moved.  
(2) Additional points of termination do not apply for Types 414B, 442, 443, 424 and 428.  
(3) Charges applicable to the inside move of Extension Lines are equivalent to nonrecurring charges as described in the Service Connection Charges Section of the Local Exchange Tariff.  
(4) The monthly rate does not include maintenance or repair.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.3 Voice Grade Service - Series 400 (Cont'd)
- (D) Rates - IntraLATA Interexchange (Cont'd)

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- |  | <u>Monthly<br/>Rate</u> |
|--|-------------------------|
| (7) Bridging Charge (multipoint service),<br>per bridged channel (BQ7)         | \$ 7.55                 |
| (E) <u>Conditioning Options - Available for Types 414B, 414C, 420 and 422.</u> |                         |

The types and descriptions of the available conditioning options at rates and charges specified in 2.2.16, following, are as follows:

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

Type C1\* - For a two-point or multipoint 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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- \* Type C1 and C2 Channel Conditioning Service will be provided subject to these restrictions: 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 multipoint service.

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2. Services and Rates (Cont'd)2.2 Description of Services (Cont'd)2.2.3 Voice Grade Service - Series 400 (Cont'd)(E) Conditioning Options - Available for Types 414B, 414C, 420 and 422 (Cont'd)

(1) (Cont'd)

Type C2\* - For a two-point or multipoint 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.

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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)

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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.

- \* Type C1 and C2 channel Conditioning Service will be provided subject to these restrictions: 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 multipoint service.

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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.3 Voice Grade Service - Series 400 (Cont'd)
- (E) Conditioning Options - Available for Types 414B, 414C, 420 and 422 (Cont'd)
- (1) (Cont'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.

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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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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.

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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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.3 Voice Grade Service - Series 400 (Cont'd)

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

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## (1) (Cont'd)

## Type C5 (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)

## (2) Type D1 - High Performance Data Conditioning for a two-point channel not arranged for switching \*

Signal to C-Notched Noise Ratio 28 dB

Non-Linear distortion:

Signal to second order distortion 35 dB

Signal to third order distortion 40 dB

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(F) Four-Wire Service Access ArrangementBY 93-1  
Public Service Commission  
MISSOURI(1) General

- (a) The Four-Wire Service Access Arrangement provides access from switching equipment that is designed to use four-wire terminations to be connected to the Company's service components for network access. The offering provides four-wire service components between the local serving central office of the customer and the premises switching equipment.

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- (b) The Four-Wire Service Access Arrangement is not represented as adapted to the use of customer-provided terminal equipment, switching equipment or communications systems. Where such terminal equipment or communications systems are used with such services, the responsibility of the Company shall be limited to the furnishing of service components suitable for the Four-Wire Service Access Arrangement and to the maintenance and operation of service components in a manner proper for such services.

\* Available only where service components and conditions permit.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.3 Voice Grade Service - Series 400 (Cont'd)
- (F) Four-Wire Service Access Arrangement (Cont'd)
- (1) General (Cont'd)

- (c) No combination of customer-provided terminal equipment, switching equipment or communications system shall require change in or alteration of the Four-Wire Service Access Arrangement.

(2) Rates and Charges

- (a) The following rates and charges are for the additional service components necessary to provide the Four-Wire Service Access Arrangement and are in addition to applicable rates and charges for the Private Line Services with which it is associated.

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Service Charge</u>
Foreign Exchange (FX) or Foreign Serving Office (FSO) Four-Wire Service Access Arrangement, each	4WF	\$33.80	\$26.90

2.2.4 (Reserved for future use).

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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.5 Voice Grade Service - Series 600
- (A) General

Series 600 channels are furnished on a two-point or multipoint basis for use with Customer Premises Equipment for one-way, closed circuit Wired Music distribution. These are the only channels expressly provided for transmission of Wired Music signals.

(B) Regulations

- (1) Distribution amplifiers are required to receive signals from a source provided by the customer (studio) and to transmit the appropriate signal level to the wired music service point locations (patron).

Company-provided distribution amplifiers are normally located in a Company serving office. However, the Company may agree to provide a distribution amplifier at other locations designated by the customer from which point separate channels will be furnished to service point locations (patrons of the customer, subject to the following:

- (a) All premises are located in the same building, or
- (b) All premises are on the same continuous property, which is owned or operated by a single agency or association, e.g., malls, shopping centers, etc.

Series 600 channels may be connected to a customer-provided distribution amplifier at a location other than the Company serving office from which point the customer will provide channels to service point locations (patrons).

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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.5 Voice Grade Service - Series 600 (Cont'd)
- (B) Regulations (Cont'd)

- (2) Channel Types 610, 611, 612 and 613 are only provided between the network interface located at the customer's studio and the distribution amplifier(s) or between two Company-provided distribution amplifiers or between a Company-provided distribution amplifier and a customer-provided distribution amplifier.

Channel Types 610, 611, 612 and 613 may also be provided as two-point service, without a Company-provided distribution amplifier, between two premises.

Type 613 channels are only provided in the same exchange as the customer's studio.

A Company-provided distribution amplifier is required when two or more Type 610, 611, 612 or 613 channels are connected at a serving office to form a multipoint circuit.

- (3) Channel Types 614, 615 and 616 are only furnished between a Company-provided distribution amplifier and a station location (patron).
- (4) Nonequalized and equalized channels may be combined to form a multipoint circuit. Transmission parameters of individual channels cannot exceed those of the channel(s) between the studio and the distribution amplifier(s).

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.5 Voice Grade Service - Series 600 (Cont'd)

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(C) Channels are provided at different levels of fidelity as follows: Public Service Commission

Type 610 - A nonequalized two-wire service engineered for a 1000 Hertz maximum loss of 12dB.

Type 611 - A two-wire service engineered for a 1000 Hertz maximum pre-equalized loss of 32dB and equalized to +/- 3dB of the 1000 Hertz loss from approximately 100 to 5000 Hertz.

Type 612 - A two-wire service engineered for a 1000 Hertz maximum pre-equalized loss of 32dB and equalized to +/- 3dB of the 1000 Hertz loss from approximately 50 to 8000 Hertz.

Type 613 - A two-wire service engineered for a 1000 Hertz maximum pre-equalized loss of 32dB and equalized to +/- 3dB of the 1000 Hertz loss from approximately 50 to 15,000 Hertz.

Type 614 - A nonequalized two-wire service engineered for a 1000 Hertz maximum loss of 14dB.

Type 615 - A two-wire service engineered for a 1000 Hertz maximum pre-equalized loss of 34dB and equalized to +/- 4dB of the 1000 Hertz loss from approximately 100 to 5000 Hertz.

Type 616 - A two-wire service engineered for a 1000 Hertz maximum pre-equalized loss of 34dB and equalized to +/- 4dB of the 1000 Hertz loss from approximately 50 to 8000 Hertz.

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

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## PRIVATE LINE SERVICE

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2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)2.2.5 Voice Grade Service - Series 600 (Cont'd)MISSOURI  
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## (C) (Cont'd)

Distribution amplifiers and miscellaneous equipment for use with the Series 600 channels are provided in 2.2.18, following, of this Tariff.

Customers 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 1 of this Tariff and Standard Technical References.

(D) Rates IntraLATA - Interexchange

	<u>Monthly Rate</u>	<u>Service Charge</u>
(1) Local Channels each, per termination on a premises		
Type 610 (1LGRY)	\$27.65	\$230.00
Type 611 (1LG5Y)	30.50	240.00
Type 612 (1LG8Y)	33.15	240.00
Type 613 (1LG1Y)	35.90	410.00
Type 614 (1LGAY)	27.65	250.00
Type 615 (1LG3Y)	30.50	270.00
Type 616 (1LG4Y)	33.15	260.00
(2) Interexchange channel, each V-H mile, or fraction thereof, per channel		
Type 610 (1LGR4)	\$10.25	None
Type 611 (1LG54)	15.35	None
Type 612 (1LG84)	20.50	None
(3) Interexchange channel terminal, per terminal (two required per interexchange channel)		
Type 610 (P3NRS)	44.30	None
Type 611 (P3N5S)	166.50	None
Type 612 (P3N8S)	277.60	None

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None  
None  
None  
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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)2.2 Description of Services (Cont'd)

2.2.6 (Reserved for future use).

2.2.7 (Reserved for future use).

2.2.8 Customer-Owned Telephotograph and Facsimile Equipment(\*)(A) Regulations

Customer-owned telephotograph or facsimile equipment for the transmission and reception of pictures and similar material may be used in connection with Private Line Voice Grade Service under the conditions set forth below:

- (1) No direct physical connection of such transmitting or receiving equipment shall be made to the service components furnished by the Company except where protective connection equipment is provided by the Company, for this purpose.
- (2) Regulations set forth in Paragraph 1.6, preceding, insofar as applicable, apply to Private Line Voice Grade Service when used for telephotograph or facsimile transmission.
- (3) Private Line Telephone Service is not represented as adapted to the telephotographic or facsimile transmission of pictures and similar material. The use of such service by the customer for such transmission is permitted only on the condition that the Company shall not be responsible to the customer for damages arising out of mistakes, omissions, interruptions, delays, errors or defects in transmission, except those caused by its failure to maintain and operate such service components in a manner proper for telephone service. The liability of the Company for damages caused by its failure to furnish service components suitable for ordinary telephone service or its failure to maintain and operate such service components in a manner proper for telephone service is as set forth in Paragraph 1.1.3, preceding.

(B) Rates

Local channels, interoffice channels, interoffice channel terminals, interexchange channel and interexchange channel terminal charges are as specified in Paragraph 2.2.3, preceding, for Series 400.

(\*) Obsolete, applicable to existing installations at existing locations for existing customers.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.9 \*DATAPHONE Select-a-Station Service

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(A) Application

Public Service Commission

Except as otherwise specified below, the regulations for Select-a-Station (SAS) Service specified herein are in addition to the regulations contained in other sections of this Tariff.

(B) Regulations

- (1) DATAPHONE SAS Service requires the use of equipment, as outlined below, and channels offered elsewhere in this Tariff.
- (2) The customer shall provide terminal equipment in accordance with interface specifications as described in the appropriate DATAPHONE SAS Technical Reference.

(3) Definitions

- (a) Data Station Selector (DSS) - A Private Line device located in a Company serving office which is capable of making connections between a four-wire input and up to 128 (125 for addressable operation) outputs, two-wire or four-wire, one at a time. DSS's are designated, as defined below, dependent upon the customer's service configuration:

[1] Primary DSS (PDSS) - The DSS which is connected directly to the Selector Control Unit (SCU).

[2] Secondary DSS (SDSS) - Any DSS which is connected to a PDSS in a tandem DSS arrangement.

- (b) Selector Control Unit (SCU) - The equipment located at the master station for use by the customer to transmit control and/or address signals to the DSS's and receive supervisory signals from the DSS's.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.9 DATAPHONE Select-a-Station Service (Cont'd)

MISSOURI

(B) Regulations (Cont'd)

Public Service Commission

(3) Definitions (Cont'd)

(c) DATAPHONE SAS stations are described as follows:

- [1] Master Station - The one station of SAS Service located on a customer's premises which communicates with each remote station and may control the connections.
- [2] Remote Station - One of the many stations on SAS Service which is connected to the master station by DSS's.

(d) SAS Service is provided in the following arrangements:

- [1] Sequential Arrangement - An arrangement in which the order of connections made by the DSS from the master station to the remote station is fixed by the assignment of the DSS output ports at initial installation.
- [2] Addressable Arrangement - An arrangement in which the order of connections made by the DSS from the master station to remote stations is under control of the master station.

(C) Description of Service

- (1) DATAPHONE SAS Service is a multistation, voice grade Private Line data service designed to establish point-to-point connections between a master station and a number of remote stations, one at a time. Direct transmission between remote stations is not possible, nor is simultaneous communication from the master to more than one remote station possible.

- (a) A DSS provides the connection between the master station and any one of up to 128 (125 for addressable operation) remote stations and/or other DSS's. Where more than one DSS is required, the DSS that is directly connected to the master station is termed the PDSS. Additional DSS's, designated SDSS's, may be connected to the PDSS.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)2.2 Description of Services (Cont'd)2.2.9 DATAPHONE Select-a-Station Service (Cont'd)(C) Description of Service (Cont'd)

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## (1) (Cont'd)

(b) An SCU is required and will be provided at the master station location. The SCU is used by the customer to transmit control and/or address signals to the DSS's and to receive supervisory signals from DSS's.

(c) SAS Service arranged for sequential operation requires customer specification, prior to installation, the order in which connections from the DSS to the remote stations are made. The customer also must specify one of the following sequential arrangements.

[1] Automatic Step - A DSS arrangement in which the duration and order of connections are fixed.

[2] Automatic Step and Reset - A DSS option in which the duration and order of connections are fixed, but the DSS will reset to the beginning of the connection cycle upon command from the master station.

[3] Controlled Step - A DSS option which allows the customer to have in-service control over the duration of the connection. However, the order of connections is fixed.

A DSS optioned for automatic step or automatic step with reset cannot be used as a PDSS in a tandem DSS arrangement.

(d) SAS Service arranged for addressable operation provides a DSS arrangement in which the duration and order of connections are variables controlled by the master station.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.9 DATAPHONE Select-a-Station Service (Cont'd)

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(C) Description of Service (Cont'd)

Public Service Commission

## (1) (Cont'd)

(e) Access from the SCU to the PDSS is obtained through a Type 443 channel. A PDSS located outside of the serving office area of the SCU will require voice grade intraLATA interexchange channels and Type 443 channel terminals as described in Paragraph 2.2.3. In all cases, one four-wire channel connection is required per PDSS to SCU access line (see Paragraph 2.2.9 (D)(1)(c), following).

(f) Access to each remote station from the DSS (PDSS or SDSS as applicable) is obtained through a Type 442 or 443 channel and through the appropriate channel connection (see Paragraph 2.2.9 (D)(1)(c) or (D)(2)(c)). Remote stations located outside of the serving office area of the DSS will require Type 442 or 443 voice grade intraLATA interexchange channels and channel terminals as described in Paragraph 2.2.3.

(g) Access to each SDSS in a different serving office from the PDSS will require voice grade intraLATA interexchange channels and Type 443 channel terminals as described in Paragraph 2.2.3. In all cases, a four-wire channel connection will be required at the PDSS and the SDSS (see Paragraphs 2.2.9 (D)(1)(c) and (D)(2)(c)).

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(h) Upon application for service, the customer shall specify the serving office locations of the DSS's. When intraLATA interexchange channels are required, charges are determined between the PDSS and SDSS.

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(2) SAS Service is not designed for alternate voice-data transmission, and such transmission is not supported. DC continuity between the master and remote stations is not provided. Additionally, extension stations and additional points of termination are not provided with SAS Service.

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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.9 DATAPHONE Select-a-Station Service (Cont'd)
- (D) Rates

	<u>Monthly Rates</u>	<u>Service Charge</u>
(1) PDSS		
(a) Sequential Arrangement - Common Equipment (DSG)	\$119.60	None
(b) Addressable Arrangement - Common Equipment (D7S)	152.85	None
(c) Channel Connections - Per two-wire channel connected to the PDSS (DSK)	4.00	None
Per four-wire channel connected to the PDSS (DSP)	13.60	None
(2) SDSS		
(a) Sequential Arrangement - Common Equipment (DSQ)	119.60	None
(b) Addressable Arrangement - Common Equipment (D7Y)	152.85	None
(c) Channel Connections - Per two-wire channel connected to the SDSS (DSR)	4.00	None
Per four-wire channel connected to the SDSS (DSZ)	13.60	None

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2.2 Description of Services (Cont'd)

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2.2.9 DATAPHONE Select-a-Station Service (Cont'd)

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(D) Rates (Cont'd)

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	Monthly Rate	Service Charge
(3) SCU		
(a) Common Equipment -		
First SCU; includes initial SCU connection for sequential operation and common equipment for up to 5 SCU's (DSE)	\$66.45	\$14.00
First SCU; includes initial SCU arranged for addressable operation and common equipment for up to 5 SCU's (D7U)	93.00	14.00
(b) Additional SCU connections up to a maximum of four -		
Each arranged for sequential operation (DSF)	15.65	14.00
Each arranged for addressable operation (D7B)	39.85	14.00
(c) Spare SCU connection (reduces the common equipment capability by one). Spare must be the addressable arrange- ment if D7U or D7B is selected in 2.2.9 (D) (3)(a) or 2.2.9(D) (3)(b), preced- ing -		
Each arranged for sequential operation (DS2)	26.25	14.00
Each arranged for addressable operation (D7H)	51.10	14.00

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.10 Extension Services

MISSOURI

(A) Regulations

Public Service Commission

- (1) In addition to the general regulations and definitions applicable to Private Line Services set forth in this Tariff, the following regulations apply to Extension Service.

(a) Voice Grade Service (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.

(b) Sub-Voice Grade Services (200 Series Channels)

- [1] 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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- [2] Connection may be made as follows:

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Receiving Only Service - For reception of weather and BY 93-1  
miscellaneous airways information transmitted over the  
Government service to which it is connected. Public Service Commission

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. Services and Rates (Cont'd)2.2 Description of Services (Cont'd)

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2.2.10 Extension Services (Cont'd)

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(B) Rates (Cont'd)

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(1) Voice Grade Services

Public Service Commission

(a) Local Channels

A charge as specified in Paragraph 2.2.3, 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.

(b) Extension Service Arrangements

- [1] Where one or more Extension Services are located on the same premises and in the same building as a service point on the Government service, charges apply as follows:

Per service point, per month (TNE) \*  
Service Charge, per service point

\$ 9.30  
30.00

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- [2] Where one or more extension services are located on the same premises but in a different building as a service point on the Government service, charges apply as follows:

First service point, per month (UNE) \*  
Additional service point, same building,  
per month (TNE) \*  
Service Charge, per service point

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\$14.35

9.30  
30.00

- [3] 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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(L) Limited to existing customers at existing locations  
\* The monthly rate does not include maintenance or repair.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.10 Extension Services (Cont'd)(B) Rates (Cont'd)MISSOURI  
Public Service Commission(1) Voice Grade Services (Cont'd)(b) Extension Service Arrangements (Cont'd)

- [4] Standard Private Line charges apply to Extension Service located in the same exchange on different premises than the Government service.

(c) IntraLATA Interexchange Channels

The charges as specified in Paragraph 2.2.3, preceding, apply.

(2) Sub-Voice Grade Services

- (a) Local Channel charges as specified in Paragraph 2.2.2, preceding, apply, except:

- [1] Where an Extension Service station is connected to the Government service at a station on the Government service and is on the same airport as the Government station, an additional Local Channel charge applies.

- [2] Where the Extension Service or more than one Extension Service is furnished on the same premises and connected to the same service, additional Local Channel charges apply.

(b) IntraLATA Interexchange Channels

The charges as specified in Paragraph 2.2.2, preceding, apply.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.11 Special Bridging Service
- (A) Split Band Bridging Arrangement
- (1) Description of Service

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This service provides for a four-wire frequency split common port and two-wire multiple port bridging arrangement intended for application in multipoint voice frequency, data or tone signaling networks.

Certain terms used in this Tariff in connection with Special Bridging Service are defined as follows:

**Master Station** - In connection with Special Bridging Service, the one service point of a multipoint network located on a customer's premises, which communicates with each remote service point.

**Remote Station** - In connection with Special Bridging Service, one of the many service points on a multipoint network which is connected to the master service point by a bridging arrangement.

**Access Line** - In connection with Special Bridging Service, that dedicated channel or channels connecting the master service point, remote service point or interconnecting service point to a special bridge.

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2.2 Description of Services (Cont'd)

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2.2.11 Special Bridging Service (Cont'd)

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(A) Split Band Bridging Arrangement (Cont'd)

Public Service Commission

(1) Description of Service (Cont'd)

Interconnecting Station - In connection with Special Bridging Service, one of the many service points on a multipoint network which is connected to a special bridge and is provided for connecting two special bridges together through customer-owned and maintained equipment located at a remote service point.

(2) Application

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Regulations applicable to Split Band Bridging Arrangements, except as otherwise specified below, are in addition to the regulations contained in other sections of this Tariff.

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(3) Regulations

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(a) Split Band Bridging Arrangements are provided on Voice-Grade Service with a transmission rate normally suitable for 75 baud, but can be utilized with equipment operating at rates up to a maximum of 400 baud.

(b) A maximum of three (3) serving offices, each equipped with a Split Band Bridge, is permitted on a multipoint network.

(c) A maximum of one hundred forty-four (144) remote stations is permitted on a multipoint network.

(d) Remote stations connected to a Split Band Bridge shall be in the same serving office area in which the Split Band Bridge is located, except as provided for in Paragraph 2.2.11 (A)(3)(e), following.

(e) Remote stations may be connected to a Split Band Bridge located in a contiguous serving office area of the same exchange. In this event, the remote stations will be connected to the Split Band Bridge by channels at rates provided in the Local Exchange Tariff.

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## PRIVATE LINE SERVICE

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Public Service Commission2. Services and Rates (Cont'd)2.2 Description of Services (Cont'd)2.2.11 Special Bridging Service (Cont'd)(A) Split Band Bridging Arrangement (Cont'd)(3) Regulations (Cont'd)

(f) Voice Grade intraLATA interexchange channels (1LHU4) and channel terminals (P1NQ1/P1NC1) equivalent to Type 420 are required when appropriate between Split Band Bridges and between the Master Station serving office and the Split Band Bridge.

(g) A Voice Grade Bridging Charge (BQ7) applies per Split Band Bridge and Master Station, when more than one Split Band Bridge is provided.

(h) Transmission parameters and specifications as specified in Paragraph 2.2.3 (B) are not guaranteed for this service.

(i) Additional points of termination are not provided with Special Bridging Service.

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(4) Rates

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(a) Special bridge and common equipment  
for: (1)Monthly  
RateService  
Charge 93-1  
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Maximum of 48 remote stations (BMC48)

\$47.80

None

Maximum of 95 remote stations (BMC95)

71.75

None

## (b) Access Lines:

Master Station (1LM4Y)

Equivalent to Type 420

Remote Station -

Local Channel, per remote  
station (1LM1Y)(See Local Exchange  
Tariff)

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(1) Customer must specify, transmit and receive frequency of Master Station.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.11 Special Bridging Service (Cont'd)

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(A) Split Band Bridging Arrangement (Cont'd)

Public Service Commission

(4) Rates (Cont'd)

	<u>Monthly Rate</u>	<u>Service Charge</u>
--	-------------------------	---------------------------

(c) Remote Station Connection

Per Remote Station (BMD)

\$ 5.90

None

(B) Passive Bridging Arrangement(1) Description of Service

This service provides for a network of up to ten passive two-wire ten-port bridges. Each bridge is capable of connecting a combination of remote stations, interoffice channels or inter-bridge connections totaling nine to one master station, inter-connect station, interoffice channel or interbridge connection. This service is intended for application in multipoint voice frequency, data or tone signaling networks.

(2) Application

Regulations applicable to Passive Bridging Arrangements, except as otherwise specified below, are in addition to the regulations contained in other sections of this Tariff.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)2.2 Description of Services (Cont'd)

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2.2.11 Special Bridging Service (Cont'd)

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(B) Passive Bridging Arrangement (Cont'd)MISSOURI  
Public Service Commission(3) Regulations

- (a) Passive Bridging Arrangements are provided on Voice Grade Service with a transmission rate normally suitable for 75 baud, but can be utilized with equipment operating at rates up to a maximum of 400 baud.
- (b) A maximum of ten (10) serving offices, each equipped with a Passive Bridge, is permitted on a multipoint network.
- (c) A maximum of 90 remote stations is permitted on a multipoint network.
- (d) Remote stations connected to a Passive Bridge are limited to the same serving office area in which the Passive Bridge is located.
- (e) One Master or Interconnecting Station is required for each Passive Bridge except as provided for in Paragraph 2.2.11 (B)(3)(f), following.
- (f) When more than one Passive Bridge is provided on a multipoint service in the same serving office, an Interbridge Connection Charge applies to each subsequent bridge provided. This arrangement cannot be provided if two-way transmission is required.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)  
2.2 Description of Services (Cont'd)  
2.2.11 Special Bridging Service (Cont'd)  
(B) Passive Bridging Arrangement (Cont'd)  
(3) Regulations (Cont'd)

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Public Service Commission

- (g) All equipment located at a Remote Station required for connecting a Remote Station access line to an Interconnecting Station access line is to be provided by the customer.
- (h) Voice Grade intraLATA interexchange (1LHU4) channels and channel terminals (PINS1) equivalent to Type 423 are required when appropriate between the Master Station serving office and the Passive Bridge and between the Interconnecting Station serving office and the Passive Bridge it is connected to.
- (i) Service can be provided under two circuit configurations as follows:
- [1] Data collective system provides one-way transmission from Remote Stations to the Master Station and is designed to provide an end-to-end loss of 16 dB relative to 1000 Hz.
- [2] Data polling system provides two-way transmission between the Master or Interconnect Station and Remote Stations and is designed to provide an end-to-end loss of 38 dB relative to 1000 Hz.
- (j) Transmission Parameters and Specifications as specified in Paragraph 2.2.3 (C) are not guaranteed for this service.
- (k) Additional points of termination are not provided with Special Bridging Service.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

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2.2.11 Special Bridging Service (Cont'd)

MISSOURI

(B) Passive Bridging Arrangement (Cont'd)

Public Service Commission

(4) Rates

	<u>Monthly Rate</u>	<u>Service Charge</u>
(a) Passive Bridging Arrangement capable of connecting 10 Access Lines (BMC10)(1)	\$ 9.00	None

## (b) Access Lines:

Master Station (1LM3Y)

Equivalent to Type 423

Remote Station

Local Channel, per Remote Station  
(1LM1Y)(See Local Exchange  
Tariff)

Interconnecting Station (1LM2Y)

Equivalent to Type 423

(c) Access Line Connection -  
Per Access Line (BT7)

3.20 None

## (d) Interbridge Connection (MF7)

4.95 CANCELLED

## 2.2.12 (Reserved for future use)

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## 2.2.13 (Reserved for future use)

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## 2.2.14 (Reserved for future use)

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Public Service Commission(1) Customer to specify either 16 dB or 38 dB loss, relative to 1000 Hz,  
between Master or Interconnecting Station and Remote Station.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)  
2.2 Description of Services (Cont'd)  
2.2.15 Signaling  
(A) Rules and Regulations

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Public Service Commission

- (1) The Type A, B and C Loop Signaling Arrangements for station ports of a premises PBX (or similar) switching system and the E&M Signaling Arrangement for tie-lines are furnished for grandfathered and registered PBX's in accordance with Part 68 of the Federal Communication Commission's Rules and Regulations.
- (2) For connections to registered PBX (or similar) equipment, customers must specify the equipment capability of their registered equipment.
- (3) Customers with grandfathered customer-provided PBX (or similar) equipment may, at their option:
- (a) Continue to provide their own off-premises station signaling capability and utilize only the Type 428 channel.
- (b) Request that off-premises station signaling capability be provided by the Company. Where this option is selected, the customer must specify his/her equipment signaling capability.
- (4) Based on information provided by the customer, the 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 Company to furnish another signaling arrangement, such request will be treated as a new request for service and appropriate nonrecurring charges will apply.

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## PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)

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2.2 Description of Services (Cont'd)

MAY 2 1988

2.2.15 Signaling (Cont'd)

MISSOURI

(B) Signaling Options

Public Service Commission

- (1) Signaling Options per point of termination for the capability to accommodate signaling on Private Line Service utilizing 420(1), 422(1), 423, 425 and 435 type services.

	<u>Monthly Rate</u>	<u>Service Charge</u>
(a) IntraLATA Interexchange -		
Manual (J1B)(2)	\$26.25	\$65.00
Automatic (J1A)(3)	27.90	65.00

- (2) Signaling Options per point of termination for the capability to accommodate signaling on Private Line Service utilizing Type 400 Local Channels indicated below. Signaling is limited to two-point service only.

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MISSOURI

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- (1) Obsolete - Applicable to existing service installations at existing locations for existing customers.
- (2) 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.
- (3) Automatic signaling is not available for multipoint Private Line Local Channels. Any other existing applications should be considered obsolete-applicable to existing service installations at existing locations for existing customers.

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PRIVATE LINE SERVICE

2. Services and Rates (Cont'd)  
2.2 Description of Services (Cont'd)  
2.2.15 Signaling (Cont'd)  
(B) Signaling Options (Cont'd)  
(2) (Cont'd)

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	<u>Monthly Rate</u>	<u>Service Charge</u>	
(a) <u>IntraLATA Interexchange -</u>			
Arranged for E & M Type signaling -			
Type 420 (SLM20)	\$20.25	\$65.00	(L)
Type 422 (SLM22)	20.25	65.00	(L)
Type 423 (SLM23)	21.30	65.00	(L)
Type 424 (SLM24)	21.60	65.00(1)	
Type 425 (SLM25)	21.60	65.00	(L)
Type 428 (SLM28)	21.60	65.00	(L)
Arranged for Loop signaling, a maximum of 1300 ohms -			
Type 420 (SLL20)	33.25	65.00	(L)
Type 422 (SLL22)	33.25	65.00	(L)
Type 423 (SLL23)	34.15	65.00	(L)
Type 428 (SLL28)	17.55	65.00(1)	
Arranged for Loop signaling, per customer requested ohm maximum -			
Type 428 (SLLC8)	21.60	65.00(1)	

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(1) Service Charge applies only if the signaling option is installed subsequent to initial installation of the Local Channel.

(L) Limited to existing customers at existing locations.

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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.15 Signaling (Cont'd)
- (B) Signaling Options (Cont'd)

(3) 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)

Monthly  
RateService  
Charge

\$ 8.40

\$30.00(1)

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

8.70

30.00(1)

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

3.55

1.05(1)

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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.

- (1) Service Charge applies only if the signaling option is installed subsequent to initial installation of the Local Channel.

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## PRIVATE LINE SERVICE

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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.16 Channel Conditioning Charges

	<u>Monthly Rate</u>	<u>Service Charge</u>
(A) <u>Type C1</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
Multipoint channel, per service point (P3G)	18.80	80.00

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2. Services and Rates (Cont'd)
- 2.2 Description of Services (Cont'd)
- 2.2.16 Channel Conditioning Charges (Cont'd)

	<u>Monthly Rate</u>	<u>Service Charge</u>
--	-------------------------	---------------------------

(B) Type C2

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
Multipoint channel, per service point (PH9)	56.45	80.00

(C) Type C4

Two-point channel, per service point (P4G)	65.80	80.00
Three- or four-point channel, per service point (6DU)	84.70	80.00

(D) Type C5

On a two-point channel not arranged for switching, per service point (UHD)	94.10	80.00
---	-------	-------

(E) Type D1

Two-point channel not arranged for switching, per service point (QHA)	11.35	80.00
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2.2.17 (Reserved for future use)

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## PRIVATE LINE SERVICE

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2. Services and Rates (Cont'd)

MAY 2 1988

2.2 Description of Services (Cont'd)2.2.18 Amplifiers and Distributing Centers

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- (A) Amplifiers and Bridging Equipment are provided where required by customers in connection with loudspeaker networks.(1)

	Monthly Rate	Service Charge
(1) Permanent Amplifier and Bridging Equipment for 50 service points (677)	\$84.25	\$220.00
(2) Bridging Equipment for additional service points: Each additional group of 30 service points (maximum capacity 200 service points) (67N)	4.65	27.50
(3) Distributing Amplifier 10-Channel Capacity (61N)(2)	35.15	27.50
19-Channel Capacity (61Q)(3)	60.90	27.50

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- (B) Distributing Amplifiers are provided at locations other than Company distributing centers, such as office buildings and shopping centers, to meet the requirements of the customer when the channels served from the distributing amplifier are limited to approximately 1000 feet route measurement in length and are confined to the same continuous property.

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- (1) At the time of the installation of a permanent amplifier and bridging equipment in a distributing center, the customer's existing local channels emanating from his studio will be rearranged to emanate from the distributing center at charges based upon cost not to exceed the sum of the Service Charges which would otherwise have been applied for such rearrangement.
- (2) A Termination Agreement in the amount of \$612.85 for 18 months will apply.
- (3) A Basic Termination Agreement in the amount of \$787.95 for 18 months will apply.

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2. Services and Rates (Cont'd)2.2 Description of Services (Cont'd)2.2.18 Amplifiers and Distributing Centers (Cont'd)

	<u>Monthly Rate</u>	<u>Service Charge</u>
(B) (Cont'd)		
Distributing Amplifier, 20-channel capacity (67Q) *	\$39.75	\$55.00
Miscellaneous Services		
(1) Thermal Noise Generator (68V)	11.10	---
(2) Time Clock (61K)	15.75	---
(3) Dual Time Clock (68W)	26.85	---

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months will apply.

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