

Fidelity Telephone LLC
d/b/a Sparklight

P.S.C. No. 7
First Revised Adoption Notice
Cancels Original Adoption Notice

ADOPTION NOTICE

Digital Link Services

Fidelity Telephone LLC d/b/a Sparklight hereby adopts, ratifies, and makes its own, in every respect as if the same had been originally filed by it, P.S.C. MO No. 7 – Digital Link Services tariff heretofore filed with the Missouri Public Service Commission by Fidelity Telephone Company.

Issued: September 18, 2024

Effective: October 1, 2024

Issued by: Tariff Administrator
210 E. Earll Drive
Phoenix, AZ 85012

FILED - Missouri Public Service Commission - 10/01/2024 - IN-2025-0095 - JI-2025-0034

Digital Link Services Tariff
Original Sheet 1

OCT 31 1989

APPLICATION OF TARIFF

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This Tariff contains the regulations and rates applicable to Digital Link Services furnished for private line intraLATA intrastate communication by the Fidelity Telephone Company, hereinafter referred to as the Telephone Company, and for digital Link Services furnished jointly with a connecting company, to the portion of such service furnished by the Telephone Company to the point of connection with the service components of another company for which that company's rates and regulations apply, over service components wholly within or partly within the Local Access and Transport Areas (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

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EXPLANATION OF SYMBOLS

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- (R) - to signify reduction.
- (I) - to signify increase.
- (C) - to signify changed regulation.
- (T) - to signify a change in text but no change in rate or regulation.
- (S) - to signify reissued matter.
- (M) - to signify matter relocated without change.
- (N) - to signify new rate or regulation.
- (D) - to signify discontinued rate or regulation.
- (Z) - to signify a correction.

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TABLE OF CONTENTS

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OCT 31 1989

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Section

1	GENERAL RULES & REGULATIONS
2	RESERVED FOR FUTURE USE
3	RESERVED FOR FUTURE USE
4	WIDEBAND DIGITAL SERVICE/1.544 Mbps

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GENERAL RULES & REGULATIONS

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1.1 UNDERTAKING OF THE TELEPHONE COMPANY

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1.1.1 Scope

- A. This Tariff section contains the general regulations and definitions governing Digital Link Services furnished by the Telephone Company.
- B. Digital Link Service is the furnishing of Telephone Company service components for communication between specified locations all within Local Access and Transport Areas (LATA's) of the State of Missouri 24 hours daily, seven days per week. Service components may be those of the Telephone Company only or those of the Telephone Company and other telephone companies.
- C. The Telephone Company does not undertake to transmit messages, but offers the use of its service components, where available, to customers for such purposes.

1.1.2 Limitations

- A. The use and restoration of service shall be in accordance with the Federal Communications Commission's Rules and Regulations which specifies the priority system for such activities.
- B. The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Telephone Company and is, therefore, subject to the availability of such service components.
- C. Digital Link Service may be limited in order to comply with orders issued under wartime authority of the President of the United States.

1.1.3 Liability

- A. The Telephone Company shall not be liable for damages arising out of mistakes, omissions, interruptions, delays or errors or defects in transmission occurring in the course of furnishing service hereunder where the same is caused by the negligence of the customer or user. Any liability of the Telephone Company for damages arising out of any of the foregoing, or for failing to maintain proper standards of maintenance and operation, or for failing to exercise

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1.1 UNDERTAKING OF THE TELEPHONE COMPANY (Cont'd)

OCT 31 1989

1.1.3 Liability (Cont'd)

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A. (Cont'd)

reasonable supervision shall, in no event, exceed an amount equivalent to the proportionate charge to the customer for the period of service during which such mistake, omission, interruption, delay or error or defect in transmission occurs.

B. The Telephone Company shall be indemnified and saved harmless by the customer or user against:

1. Claims for libel, slander and infringement of copyright arising from the material transmitted over the service components;
2. Claims for infringement of patents arising from combining with, or using in connections with, service components furnished by the Telephone Company, apparatus and systems of the customer or user; and
3. All other claims arising out of any act of omission of the customer or user in connection with the service components provided by the Telephone Company.

C. The Telephone Company does not guarantee nor make any warranty with respect to service components provided by it for use in an explosive atmosphere. The customer or user indemnifies and holds the Telephone Company harmless from any and all loss, claims, demands, suits or other action or any liability whatsoever, whether suffered, made instituted or asserted by the customer or user 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.

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

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1.1 UNDERTAKING OF THE TELEPHONE COMPANY (Cont'd)

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1.1.3 Liability (Cont'd)

D. The Telephone Company is not liable for any defacement of or damage to the premises of a customer (or user) resulting from the furnishing of channel service components or the attachment of the associated wiring furnished by the Telephone Company on such premises or by the installation or removal thereof, when such defacement or damage is not the result of negligence of the agents or employees of the Telephone Company.

1.1.4 Provision of Service Components

- A. The Telephone Company will provide all service components necessary for Digital Link Service up to the demarcation point (interface) of the channel. The customer will be responsible for providing his own terminal equipment, customer-provided derivation equipment or communications system for use with such service as specified in this Tariff.
- B. Digital Link Service furnished by the Telephone Company will be provided at the rates contained in this Tariff where service components and operating conditions permit. Where service components are not available and unusual expenditures are involved in making them available, the customer may be required to pay additional charges to cover the unusual expenditure in accordance with Paragraph 1.4.4 of this Tariff, or contract beyond the initial period, or both.
- C. The charges specified in this Tariff do not contemplate installation, maintenance or repair work being performed by the Telephone Company employees involved at a time when overtime wages apply as a result of customer requests, nor do they contemplate work once begun being interrupted by the customer.

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

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1.1 UNDERTAKING OF THE TELEPHONE COMPANY (Cont'd)

OCT 31 1989

1.1.4 Provision of Service Components (Cont'd)

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C. (Cont'd)

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

D. When the customer requires the modification of standard service components not other wise provided in this tariff, the modification can be furnished by the Telephone Company at additional rates and charges, provided the modification is in connection with and not detrimental to any of the services furnished in this tariff.

E. The placement of the network interface shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise by the customer or building/land owner and agreed to by the Telephone Company.

F. The network interface may be placed on each floor of the customer's premises at a mutually agreed upon location, which is accessible to both the customer and the Telephone Company. This location, which will be common to all services, will take into account technical service parameters and typically will be within twenty-five feet of the PBX, key or multifunction customer premises equipment.

G. The Telephone Company may also provide a secondary network interface located at the same customer's premises for high density concentrations of twenty-four or more circuit equivalents (e.g., one 1.544 Mbps or twenty-five or more pairs, or multiplexed services) at locations such as computer centers, command posts, etc.

1.2 USE

Digital Link Service may be used for the purposes specified in Paragraph 1.2.1, following.

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1.2 USE (Cont'd)

1.2.1 Authorized Use

- A. Digital Link Service may be used for transmission of communications to or from the customer's service points and relating to the customer's business.
- B. Digital Link Service may be used for transmission of communications relating directly to the business of the subsidiary corporations over which the customer exercises control through the ownership of more than 50 percent of the voting stock.

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

1.2.3 Resale of Use to Others

Digital Link Service shall not be used for any purpose for which payment or other consideration, direct or indirect, shall be received by the customer. The foregoing does not apply to a Composite Data Service Vendor's premises where one type of service may be provided for the exclusive use of the Composite Data Service Vendor's management or employees and another type or service may be provided for the use of the Composite Data Service Vendor as defined in the Federal Communications Commission's Rules and Regulations.

1.2.4 Shared Use

- A. A user must have a service point on the service, and the service point must be located on the premises of the user and connected to the service by means of a separate access channel, except that these requirements do not apply to a user of a service with respect to his use of digital bit streams created by customer- (or user-) provided derivation equipment, provided the customer or user has a service point on the line connected to such equipment in accordance with Paragraph 1.6.2 following.

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GENERAL RULES & REGULATIONS

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OCT 31 1989

1.2 USE (Cont'd)

1.2.4 Shared Use (Cont'd)

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B. The Telephone Company shall not be responsible for the manner in which the use of service will be allocated. Orders which involve the start, rearrangement, release or discontinuance of service will be accepted by the Telephone Company only from the customer.

C. The charges for Digital Link Service shall be determined as provided in this Tariff, and all charges for the service will be billed to the customer. The charges allocated by the customer for Digital Link Service shall not exceed the total charge billed to the customer by the Telephone Company.

1.3 OBLIGATIONS OF THE CUSTOMER

1.3.1 Customer Responsibilities

The customer shall be responsible for:

- A. Damages to service components of the Telephone Company caused by the negligence or willful act of the customer and not due to ordinary wear and tear or other causes beyond the control of the customer.
- B. Reimbursing the Telephone Company for any loss through theft of the service components on the customer's premises.
- C. The provision, installation and maintenance of sealed conduit with explosive-proof fittings between service components furnished by the Telephone Company in explosive atmospheres and points outside the hazardous area where connection may be made with regular service components of the Telephone Company and may be required to install and maintain Telephone Company service components within the hazardous area if, in the opinion of the Telephone Company, injury or damage to Telephone Company employees or property might result from installation or maintenance by the Telephone Company.
- D. Obtaining the permission for Telephone Company agents or employees to enter the premises of the customer at any reasonable hour for the purpose of installing, inspecting,

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1.3 OBLIGATIONS OF THE CUSTOMER (Cont'd)

OCT 31 1989

1.3.1 Customer Responsibilities (Cont'd)

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D. (Cont'd)

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repairing or, upon termination of the service, removing the service components of the Telephone Company.

E. Service components on the customer's premises shall be and remain the property of the Telephone Company.

F. Furnishing and maintaining poles and/or underground service components on private property. The Telephone Company will not provide on-premises service components for the provision of Digital Link Service.

1.3.2 Rearrangements and Repairs

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

1.3.3 Transfer of Service

Service furnished to 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 if the service is assumed exactly as provided to the previous customer.

1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

1.4.1 Payment of Charges and Deposits

A. Advance Payments

Applicants for service who have no account with the Telephone Company or whose financial responsibility is not a matter of general knowledge, may be required to make an advance payment at the time an application for service is placed with the Telephone Company, equal to the service charges, if

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GENERAL RULES & REGULATIONS

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1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (Cont'd) OCT 31 1989

1.4.1 Payment of Charges and Deposits (Cont'd)

MISSOURI
Public Service Commission

A. (Cont'd)

applicable, and at least one month's charges for the service provided. The amount of the advance payment is credited to the customer's account as applying to any indebtedness of the customer for the service furnished.

B. Payment for Service

The customer is responsible for payment of all charges as specified in this Tariff for services furnished the customer. Service charges are payable upon request.

C. Deposits

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

1.4.2 Cancellation for Cause

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

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.
- B. If the period of use exceeds one month, the charges for the fractional part of a month following and consecutive with a full month will be a proportionate part of the monthly charges based on the actual number of days the service components are furnished. For the purpose of administering this regulation with respect to the determination of charges for a fractional part of a month, every month is considered to have 30 days.

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1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (Cont'd)

MISSOURI

1.4.3 Minimum and Fractional Rates and Charges (Cont'd) **Public Service Commission**

The applicable charges for a Digital Link Service, or any component thereof, including additions to an existing service, shall commence on the day after service is furnished and will continue to accrue through and include the day on which such service is discontinued.

When an existing Digital Link Service, or any component thereof, is changed or rearranged at the request of the customer without the addition of service components, access lines or channels, any revision in charges necessitated thereby shall commence on the same day that the change or rearrangement is completed.

1.4.4 Special Construction

A. Rates and charges for special construction will be provided as set forth in Section 5 of the Access Services 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 Telephone Company would normally utilize in the furnishing of its services.
3. Over a route other than that which the Telephone Company would normally utilize in the furnishing of its services.
4. In a quantity greater than that which the Telephone 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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Public Service Commission 1989

GENERAL RULES & REGULATIONS

RECEIVED

OCT 31 1989

1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (Cont'd)

MISSOURI
Public Service Commission

1.4.4 Special Construction (Cont'd)

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

1.4.5 Change in Service Arrangement

The service charge for the applicable operating speed applies when the customer requests a change in service arrangement that results in a change in operation of the service components provided by the Telephone Company.

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

1.4.8 Allowance 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

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OCT 31 1989

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1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (Cont'd)

OCT 31 1989

1.4.8 Allowance for Interruptions (Cont'd)

MISSOURI
Public Service Commission

service affected by the interruption, shall be made for the time such interruption continues after the fact is reported by the customer or detected by the Telephone Company.

- 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.
- B. 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 A. or 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 service ordered by the customer is provided in this Tariff plus the full amount of any termination charges applicable.
- C. Installation of service components for a customer is considered to have started when the Telephone Company incurs any expense, including engineering, in connection therewith, or in preparation therefore, which would not otherwise have been incurred, provided the customer has placed an order with the Telephone Company for provision of service.

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OCT 31 1989

1.5 DEFINITIONS

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Telephone Company - Fidelity Telephone Company Public Service Commission

Accessories - Devices which are mechanically attached to, or used with, the service components furnished by the Telephone Company and which are independent of, and not electrically, acoustically or inductively connected to the conductors in the communications path of the Telephone Company service components.

Bit - The smallest unit of information in the binary system of notation.

Channel - a path (or paths) for intraLATA digital transmission between a customer's premises and a Digital Hub, or between Digital Hubs. A channel is comprised of local distribution and interoffice sections as required. A channel may be furnished in such manner as the Telephone Company may elect, whether by wire, radio or a combination thereof and whether or not by means of a single physical facility or route.

Composite Data Service - The combined use of terminal and data switching equipment provided by a Composite Data Service Vendor with the use of telecommunications services of the Telephone Company to perform data switching for others.

Composite Data Service Vendor - A customer that has been certified by the proper state or municipal regulatory body, and/or the Federal Communications Commission pursuant to Section 214 of the Communications Act of 1934, as amended, to acquire and operate service components to perform data switching for others. A customer shall be classified as a Composite Data Service Vendor only with respect to use of those exchange services which are utilized for the provision of Composite Data Service.

Concurring Carrier - Any carrier (other than a Connecting Carrier) which is fully subject to the Communications Act of 1934, as amended which, instead of filing its own tariffs, concurs in and assents to schedules of charges and regulations filed in its behalf by an Issuing Carrier. (An Issuing Carrier is a carrier, subject to the Communications Act of 1934, as amended, which publishes and files tariffs with the Federal Communications Commission.)

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

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GENERAL RULES & REGULATIONS

OCT 31 1989

1.5 DEFINITIONS (Cont'd)

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Public Service Commission

Customer - The person, firm or corporation which orders service and is responsible for the payment of charges and compliance with Telephone Company regulations. A customer for Digital Link Service must have a communication requirement of his own for its use, except where:

- The customer is a Composite Date Service Vendor; or
- The service is provided for the transmission of communications relating directly to the business of a subsidiary corporation over which the customer exercises control through ownership of more than 50 percent of the voting stock.

Customer-Provided Communications System - Denotes service components provided by a customer or user which are capable, when not connected to Digital Link Service, of communications between customer-provided terminal equipment.

Customer Premises Equipment - Communications devices, apparatus and their associated wiring provided by a customer or user which do not constitute a communications system.

Duplex - An operation which permits customers to communicate in both directions simultaneously.

Exchange - Denotes a unit established by the Telephone Company or a connecting company for the administration of telecommunication 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.

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).

IntraLATA - Digital Link Service where the originating service point location and the terminating service point location are all within the same Local Access and Transport Area (LATA).

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Sullivan, MO 63080

Public Service Commission 1989

OCT 31 1989

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GENERAL RULES & REGULATIONS

OCT 31 1989

1.5 DEFINITIONS (Cont'd)

MISSOURI

Local Access and Transport Area (LATA) - The ~~Public Service Commission~~ Transport Area denotes a geographical area established for the administration of communications service. It encompasses designated local operating telephone company exchanges which are grouped to serve common social economic and miscellaneous purposes.

Move - As used in connection with the application of move charges for Digital Link Service, 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 Telephone Company.

Network Interface - The point of termination for the Telephone Company's regulated network services. It is the point of interconnection between Telephone Company provided and owned facilities and terminal equipment or inside wiring at the customer's premises and is a Telephone Company provided standard jack or its equivalent.

Patron - As used in connection with Composite Data Service, denotes a subscriber to the data switching services of a Composite Data Service Vendor.

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

- The portions are not separated from each other by intervening offices, rooms or suites not occupied by the customer.
- The portions on 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 separate lease by the same customer, and the buildings are not separated by a public thoroughfare which is governmentally owned.

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GENERAL RULES & REGULATIONS

OCT 31 1989

1.5 DEFINITIONS (Cont'd)

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Public Service Commission

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

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

Service Point - When used in connection with Digital Link Service, service point denotes a point on a customer's premises at which a Digital Link Service channel is terminated.

User - A person, firm or corporation designated by the customer as a user of Digital Link Service furnished to the customer and who may share such service with the customer in accordance with tariff provisions. A user must be specifically named in the customer's application for service.

1.6 CONNECTIONS

1.6.1 General

Customer Premises Equipment and Communications Systems provided by the customer may be connected at the customer's premises to Digital Link Service furnished by the Telephone Company where such connections are made in accordance with applicable provisions of this Tariff and the General Exchange Tariff.

1.6.2 Responsibility of the Customer

A. The customer shall be responsible for the installation, operation and maintenance of Customer Premises Equipment or Communications System. No combination of Customer Premises Equipment or Communications System shall require change in, or alteration of, the services of the Telephone Company cause electrical hazards to Telephone Company personnel, damage to Telephone Company service components, malfunction of Telephone

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GENERAL RULES & REGULATIONS

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1.6 CONNECTIONS (Cont'd)

OCT 31 1989

1.6.2 Responsibility of the Customer (Cont'd)

MISSOURI

A. (Cont'd)

Public Service Commission

Company billing equipment or degradation of service to persons other than the user of the subject Customer Premises Equipment or Communications System. Upon notice from the Telephone Company that Customer Premises Equipment or Communications System is causing such hazard, damage, malfunction or degradation of service, the customer shall make such changes as shall be necessary to remove or prevent such hazard, damage, malfunction or degradation of service.

B. (Reserved for Future Use)

C. The customer shall be responsible for ordering and specifying the type of Digital Link Service required for operation with Customer Premises Equipment or Communications Systems provided by the customer.

D. Where a customer elects to connect a customer-provided communications system to Digital Link Service, the customer shall be responsible for:

1. Compatibility of the connected communications system to Digital Link Service. This includes the replacing of Network Channel Terminating Equipment (NCTE) due to technological changes in the network.
2. Testing, sectionalization and clearance of trouble conditions or service difficulties on any communications system which is connected to Digital Link Service.

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1.6 CONNECTIONS (Cont'd)

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1.6.3 Responsibility of the Telephone Company

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- A. Digital Link Service is not represented as adapted to the use of the Customer Premises Equipment or Communications Systems. Where such Customer Premises Equipment or Communications Systems are used with Digital Link Service, the responsibility of the Telephone Company shall be limited to the furnishing of service components suitable for Digital Link Service and to the maintenance and operation of such service components in a manner proper for such digital service. Subject to this responsibility, the Telephone Company shall not be responsible for: (1) the through transmission of signals generated by the Customer Premises Equipment of Communications System 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) damage to Customer Premises Equipment or Communications Systems due to testing.
- B. The Telephone Company will, at the customer's request, provide information concerning interface parameters needed to permit Customer Premises Equipment to operate in a manner compatible with Digital Link Service.
- C. The Telephone Company shall not be responsible for modification, alternation or replacement of Customer Premises Equipment or Communications Systems rendered inoperative or obsolete by changes in service components, operations or procedures of the Telephone Company used in providing Digital Link Service.

1.6.4 Violation of Regulations

When any Customer Premises Equipment or Communications System is used with Digital Link Service in violation of any of the provisions in this Section, the Telephone Company will take such immediate action as necessary for the protection of the telecommunications network and Telephone Company employees and will promptly notify the customer of the violation. The customer shall take such steps as are necessary to discontinue such use of the Customer Premises Equipment or Communications System or correct the violation and shall confirm in writing to the Company within ten days, following the receipt of written

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1.6 CONNECTIONS (Cont'd)

1.6.4 Violation of Regulations (Cont'd)

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notice from the Company, that such use has ceased or that the violation has been corrected. Failure to discontinue such use or to correct the violation and to give the required written confirmation to the Telephone Company within the time stated above shall result in suspension of the customer's service until such time as there is compliance with the provisions of this Tariff.

1.6.5 Connections of Customer Premises Equipment and Communications Systems

The customer shall be responsible for providing any required Digital Network Channel Terminating Equipment (NCTE). The undertaking of the Telephone Company is to furnish Digital Link Service as ordered and specified by the customer up to the network interface.

1.6.6 Accessories

Accessories provided by customers may be used with Digital Link Service provided that such accessories comply with the provisions of Paragraph 1.6.2, preceding.

1.6.7 Channel Derivation Devices

- A. Customer-provided channel derivation devices that are used to create additional channels in accordance with Paragraphs 1.6.7, B and C, following, may be connected to Digital Link Service subject to Paragraph 1.6.2, preceding.
- B. Subject to the normal transmission characteristics of the Digital Link Service ordered, the customer may create additional channels; digital bit streams, from the service ordered through the use of channel derivation equipment located at the customer's premises.
- C. The Telephone Company makes no representation as to: (1) the suitability of the channels provided by it 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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1.6 CONNECTIONS (Cont'd)

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1.6.7 Channel Derivation Devices (Cont'd)

D. Additional channels derived by this equipment may be connected at the customer's premises to Local Exchange Telephone Service, Private Line Service, Long Distance Message Telecommunications Service and Wide Area Telecommunications Service in accordance with provisions for such connections in Telephone Company tariffs for these other services.

1.6.8 Connection to Other Services Furnished by the Telephone Company to the Same Customer or Different Customers

Digital Link Service provided by the Telephone Company may be connected to another Digital Link Service or the following other services provided by the Telephone Company at the customer's premises:

- Local Exchange Telephone Service
- Private Line Service
- Long Distance Message Telecommunications Service
- Wide Area Telecommunications Service

1.6.9 Connection to Interexchange Customer-Provided Communications Systems

A. Connections of Digital Link Service to Interexchange Customer-Provided Communications Systems can be made at the premises of the customer in accordance with the preceding regulations in this Tariff. All arrangements concerning the connection to an Interexchange Customer-Provided Communications System to Digital Link Service shall be made by the customer with the Interexchange Customer. The furnishing of Digital Link Service by the Telephone Company is not a joint undertaking with the Interexchange Customer.

B. The Interexchange Customer referenced in this Section are as follows:

Interexchange Customer

None

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1.6 CONNECTIONS (Cont'd)

1.6.10 Connection of Network Channel Terminating Equipment
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Effective January 2, 1986, in accordance with the Federal Communication Commission's Memorandum Opinion and Order in CC Docket 81-216, (FCC 85-564), Part 68 of the Federal Communications Commission's Rules and Regulations (Registration Program), was amended to provide for inclusion of Network Channel Terminating Equipment (NCTE) for direct connection to subrate and high capacity digital services. The following dates and regulations were established.

- A. Grandfathered Equipment - Terminal Equipment, including its premises wiring and protective apparatus (if any) and multiline terminating systems that were directly connected to subrate digital services on January 2, 1986, may remain connected and be reconnected to such digital services for life without registration, unless subsequently modified.
- B. Interim Installations - An interim program established by the Federal Communications Commission and the Telephone Company allowed for connection of terminal equipment, including premises wiring and protective apparatus (if any) to be installed (including additions to existing systems) up to June 30, 1987, without registration of any terminal equipment involved, provided that these terminal equipments were of a type directly connected to subrate or 1.544 Mbps digital services as of January 2, 1986, or they appeared on the interim program summary for approved equipment. Any equipment connected pursuant to this interim program may require modification at the owners expense in response to Part 68 of the Rules as adopted by the Federal Communications Commission.
- C. Registered Only Equipment - Any terminal equipment connected to subrate or 1.544 Mbps digital services after June 30, 1987 must comply with Part 68 of the Federal Communications Commission's Rules and Regulations (Registration Program). The equipment must also comply with the requirements of Technical Reference Publications 62411 and/or 62310.

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1.7 METHOD OF APPLYING RATES

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1.7.1 General

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The general methods of applying rates for Digital Link Service are provided in Paragraphs 1.7.2.

1.7.2 Determination of V-H Mileages

The rate distances for Digital Link Service channels should be determined as follows:

A. Determination of V-H Coordinates

- Access Channels to a Digital Hub

The V-H coordinates for respective Serving Offices are the same as used for mileage calculations in the Private Line Service Tariff. The V-H coordinates for customers premises will be determined by the Telephone Company.

B. Calculation of V-H Mileage

1. Determine the difference between the "V" coordinates for the two locations within the same LATA. Similarly, determine the difference between the respective "H" coordinates. The difference is always determined by subtracting the smaller coordinate from the larger.
2. Square each difference obtained in Paragraph 1, above.
3. Add the squares of the "V" difference and the "H" difference obtained in Paragraph 2, above.
4. Divide the sum of the squares obtained in Paragraph 3, above by ten.
5. Obtain the square root of the result obtained in Paragraph 4, above. This distance is the rate distance in V-H miles. Fractional mileage distances should be rounded to the next higher full mile.

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1.7 METHOD OF APPLYING RATES (Cont'd)

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B. (Cont'd)

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5. (Cont'd)

Examples:

- Serving Office to a Service Office

	<u>V</u>	<u>H</u>
Sullivan Serving Office	6960	3591
Owensville Serving Office	6958	3657
difference	2	66
sum of the squares - 4 + 4356 = 4360		

$$\frac{\sqrt{4360}}{10} = 20.9 = 21 \text{ V-H Miles}$$

1.8 SPECIAL TAXES, FEES AND CHARGES

1.8.1 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 pro rata share of any franchise, occupation, business, license, excise, privilege or other similar tax, fee or charge (hereafter called "tax") now or hereafter imposed upon the Telephone Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due or to hereafter become due.
- 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 a 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 pro rata 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

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1.8 SPECIAL TAXES, FEES AND CHARGES (Cont'd)

1.8.1 General (Cont'd)

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C. (Cont'd)

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.

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 pro rata share of such taxes described above shall be determined by dividing the tax expressed as a percentage by 100 percent minus the tax expressed as a percentage and multiplying the decimal thus obtained by the customer's charges to which such tax applies.

$$\frac{\text{Tax}\%}{100\% - \text{Tax}\%} \times \text{Taxable Charges}$$

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.

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WIDEBAND DIGITAL SERVICE/1.544 Mbps

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4.1 DESCRIPTION AND APPLICATION OF SERVICES

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4.1.1 General

Wideband Digital Service/1.544 Mbps is a two-point, intraLATA dedicated high capacity channel used for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital signals at a transmission speed of 1.544 Mbps. The channel design objective is to provide an average performance of at least 95 percent error-free seconds of transmission measured over a continuous 24-hour period through the Telephone Company provided network interface.

4.1.2 Regulations

A. The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this Tariff.

B. Availability of Service

Wideband Digital Service/1.544 Mbps can only be provided where digital facilities exist within the same LATA. Services between serving offices must have digital service components between all intermediate offices to have the ability to provide the service.

C. Provision of Service

1. Wideband Digital Service/1.544 Mbps is available only on a two-point intraLATA basis.
2. Wideband Digital Service/1.544 Mbps is furnished on a full-time basis (24 hours a day, seven days per week).
3. Customer requests for Wideband Digital Service/1.544 Mbps where suitable service components are not available and the Company constructs the requested service components, when certain conditions exist, is considered special construction. The regulations, rates and charges applicable to special construction are found in Section 1, Paragraph 1.4.4 of this Tariff. Service availability will be negotiated locally.

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4.1 DESCRIPTION AND APPLICATION OF SERVICES (Cont'd)

4.1.2 Regulations (Cont'd)

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Public Service Commission

C. Provision of Service (Cont'd)

4. (Reserved for future use)

5. The Telephone Company has the service responsibility up to and including the network interface. The network interface will be provided by the Telephone Company as set forth in Technical Reference-PUB 62411.

6. Connection of Terminal Equipment or a Communications System to a Wideband Digital Service/1.54 Mbps

a. Connection to a Wideband Digital Service/1.544 Mbps terminal equipment, or a communications system which does not have the capability to transmit signals with encoded analog content via a Wideband Digital Category I or Category III private line circuit as identified in the Federal Communications Commission's Rules and Regulations may be directly connected to the demarcation point of the circuit. All other connections to a Wideband Digital Service/1.544 Mbps are also made at a demarcation point and must be made in accordance with the following regulations.

b. Connection of Terminal Equipment - Terminal Equipment may be connected to a Wideband Digital Service/1.544 Mbps through, or in combination with, channel derivation equipment. If the connection provides the capability to transmit signals with encoded analog content via the Wideband Digital Service/1.544 Mbps to the telecommunications network or to a Category I or Category III private line circuit, as identified in the Federal Communications Commission's Rules and Regulations it must be connected in accordance with the Registration Program.

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4.1 DESCRIPTION AND APPLICATION OF SERVICES (Cont'd)

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4.1.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

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6. (Cont'd)

b. (Cont'd)

In addition, when voice-band data terminal equipment is used with the channel derivation equipment, the voice-band data terminal equipment must comply with the Federal Communications Commission's Rules and Regulations to ensure continued billing integrity.

- c. Registration Program - Effective June 30, 1987, the Federal Communications Commission's Part 68 Rules and Regulations (Registration Program), were amended to require registration of customer provided equipment that directly connected to subrate and 1.544 Mbps digital services after that date. The equipment or system must also comply with the requirements of the Technical Reference Publication 62411.
- d. Grandfathered Equipment - Terminal equipment, including its premises wiring and protective apparatus (if any) and multiline terminating systems that were directly connected to 1.544 Mbps digital services as of January 2, 1986 may remain connected and be reconnected to such digital services for the life of the equipment without registration unless subsequently modified.
- e. Interim Program - During the pendency of Rulemaking for connection of terminal equipment to digital services, the Federal Communications Commission agreed to allow equipment to be connected under an interim program established by the Telephone Company. Any terminal equipment or multiline terminating system connected pursuant to this Program may require modification in response to the Federal Communications Commission's Rules and Regulations.

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4.1 DESCRIPTION AND APPLICATION OF SERVICES (Cont'd)

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4.1.2 Regulations (Cont'd)

MISSOURI
Public Service Commission

C. Provision of Service (Cont'd)

6. (Cont'd)

f. Extraordinary Procedures - The Telephone Company may invoke extraordinary procedures to protect a Wideband Digital Service/1.544 Mbps. The extraordinary procedures applied will be the same as those for connection of a communications system to a circuit (see Extraordinary Procedures, Paragraph 1.6.11(C).2(b) in the Private Line Service Tariff).

D. Customer Signal Constraint

All signals generated by the customer's terminal equipment must meet certain signal and formal constraints. Some of these constraints are as listed below. Additional details are set forth in Technical Reference - PUB 62411.

1. Data Rate: 1.544 Mbps +/- 75 bps.
2. Consecutive zeros: No more than 15 consecutive zeros may be generated.
3. Pulse density: At least 3 pulses in any 24 bit interval.

E. Allowance for Interruptions

Credit allowances are determined in accordance with regulations set forth in Section 1, Paragraph 1.4.8 of the Private Line Service Tariff.

Digital Service/1.544 Mbps is considered interrupted when the customer reports that service continuity has been lost or that the service is operating at a performance level of 300 or more seconds of transmission containing errors in a consecutive 15-minute period.

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4.1 DESCRIPTION AND APPLICATION OF SERVICES (Cont'd)

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4.1.3 Rate Configuration

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4.1.3.1 General

There are five basic rate elements which apply to Wideband Digital Service/1.544 Mbps:

- Local Distribution Channels
- Intraexchange Interoffice Channel and Channel Terminals
- Interexchange Interoffice Channel and Channel Terminals
- Optional Service Functions
- Service Charge

4.1.3.2 Local Distribution Channel

A Local Distribution Channel is a channel between a customer's premises and the Telephone Company serving office serving that customer. Mileage used to rate the Local Distribution Channel is the direct air line distance measured in quarter mile increments between the customer's premises and the serving office.

4.1.3.3 Intraexchange Interoffice Channel

Intraexchange Interoffice Channel is defined as the component of the service between two serving offices or zones in the metropolitan exchanges for an Intraexchange Service. Charges include a fixed Channel Terminal charge and Channel Mileage which is based on the Vertical and Horizontal (V-H) distance between the serving offices, measured in whole miles. Fractional miles are rounded to the next whole mile.

Two Channel Terminal charges are required per Intraexchange Interoffice Channel.

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4.1 DESCRIPTION AND APPLICATION OR SERVICES (Cont'd)

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4.1.3 Rate Configurations (Cont'd)

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Public Service Commission

4.1.3.4 Interexchange Interoffice Channel

Interexchange Interoffice Channel is defined as the component of the service between two serving offices where the serving offices are in different exchanges within the LATA. Charges include a fixed Channel Terminal charge and Channel Mileage which is based on V-H distance between the serving offices, measured in whole miles. Fractional miles are rounded to the next whole mile. Two Channel Terminal charges are required per Interexchange Interoffice Channel.

4.1.3.5 Optional Service Functions

A. Automatic Protection Capability

The Automatic Protection Capability (APC) service function, when used in conjunction with compatible customer-provided APC at the customer's premises, provides protection for the Local Distribution Channel by automatically switching the Local Distribution Channel(s) to a spare Local Distribution Channel. The customer is responsible for circuit compatibility with existing Central Office equipment.

Spare Local Distribution Channel(s) and/or Interoffice Channel(s) are not included with the Automatic Protection Capability. They must be ordered separately at the rates and charges specified in Paragraph 4.1.4, following.

B. Transfer Arrangement

The Transfer Arrangement service function permits a customer to transfer an Interoffice Channel between two Local Distribution Channels terminating in the same serving office. The two Local Distribution Channels must use the same signal format. The spare Local Distribution Channel is not included in the Transfer Arrangement. It must be ordered separately as specified in Paragraph 4.1.4, following.

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4. DESCRIPTION AND APPLICATION OF SERVICES (Cont'd)

4.1.3 Rate Configuration (Cont'd)

4.1.3.5 (Cont'd)

A key activated control circuit is required to operate the transfer arrangement. A Special Signaling Channel between the customer-designated control station and the serving office may be obtained from the Private Line Service Tariff for this purpose. The control key must be provided by the customer.

4.1.3.6 Service Charge

A service charge applies per point of termination installed or moved as provided in Paragraph 4.1.4, following.

4.1.3.7 Exceptions

In those cases where one customer premises involved in an intraLATA interexchange Wideband Digital Service/1.544 Mbps is located in a different Local Exchange Telephone Company's operating territory than the other premises location(s) associated with the service, the method of applying rates will be as follows:

1. The service components for that portion of the intraLATA interexchange Wideband Digital Service/1.544 Mbps located wholly within each exchange will be rated pursuant to that Local Exchange Telephone Company's tariff.
2. The rate for the applicable intraLATA interexchange/interoffice per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Company's rate for the airline (V-H) mileage between the appropriate service office of each Local Exchange Telephone Company.

4.1.3.8 Wideband Digital Service may be provided at bandwidths higher than 1.544 Mbps, depending upon available equipment and transport, as determined on an Individual Case Basis. Rates and charges will also be determined on an Individual Case Basis (ICB).

(N)
|
(N)

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4.1 DESCRIPTION AND APPLICATION OF SERVICES (Cont'd)

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4.1.4 Rates and Charges

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Monthly Service
Rate Charge

A. Local Distribution Channel

- 1. First, 1/4 mile, or fraction thereof, per channel..... \$60.00 \$535.00
- 2. Each additional 1/4 mile, or fraction thereof, per channel..... 22.00 None

B. Interoffice Channel

- 1. Intraexchange Inter-office Channel
 - Channel Terminal (two required per inter-office channel)..... 88.00 60.00
 - Rate per V-H mile, or fraction thereof, per channel..... 30.00 None
- 2. Interexchange Inter-office Channel
 - Channel Terminal (two required per inter-office channel)..... 75.00 60.00
 - Rate per V-H mile, or fraction thereof, per channel..... 65.00 None

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4.1 DESCRIPTION AND APPLICATION OF SERVICES (Cont'd)

4.1.4 Rates and Charges (Cont'd)

		<u>Monthly Rate</u>	<u>Service Charge</u>		
			<u>Initial</u>	<u>Subsequent</u>	
C.	Automatic Protection Capability, per central office arrangement.....	\$317.45	\$77.00	\$180.00	
D.	Transfer Arrangement, per arrangement.....	28.00	99.00	210.00	
			<u>Monthly Rate</u>	<u>Service Charge</u>	(N)
E.	All types of channels with bandwidths higher than 1.544 Mbps		ICB	ICB	(N)

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INDEX

OCT 31 1989

GENERAL RULES AND REGULATIONS

MISSOURI
Public Service Commission
SHEET

1.1	UNDERTAKING OF THE TELEPHONE COMPANY.....	4
1.1.1	Scope.....	4
1.1.2	Limitations.....	4
1.1.3	Liability.....	4
1.1.4	Provision of Service Components.....	6
1.2	USE.....	7
1.2.1	Authorized Use.....	8
1.2.2	Unlawful Purposes.....	8
1.2.3	Resale of Use to Others.....	8
1.2.4	Shared Use.....	8
1.3	OBLIGATIONS OF THE CUSTOMER.....	9
1.3.1	Customer Responsibilities.....	9
1.3.2	Rearrangements and Repairs.....	10
1.3.3	Transfer of Service.....	10
1.4	PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES.....	10
1.4.1	Payment of Charges and Deposits.....	10
1.4.2	Cancellation for Cause.....	11
1.4.3	Minimum and Fractional Rates and Charges.....	11
1.4.4	Special Construction.....	12
1.4.5	Change in Service Arrangement.....	13
1.4.6	Suspension of Service.....	13
1.4.7	Temporary Surrender of a Service.....	13
1.4.8	Allowances for Interruptions.....	13
1.4.9	Cancellation of Application for Service.....	14
1.5	DEFINITIONS.....	15
1.6	CONNECTIONS.....	18
1.6.1	General.....	18
1.6.2	Responsibility of the Customer.....	18
1.6.3	Responsibility of the Telephone Co.....	20
1.6.4	Violation of Regulations.....	20
1.6.5	Connection of Customer Premises Equipment and Communications Systems.....	21
1.6.6	Accessories.....	21
1.6.7	Channel Derivation Devices.....	21

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DEC 1 1989

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INDEX (Cont'd)

OCT 31 1989

GENERAL RULES AND REGULATIONS (Cont'd)

MISSOURI
Public Service Commission
SHEET

1.6.8	Connection to Other Services Furnished by the Telephone Company to the Same Customer or Different Customers.....	22
1.6.9	Connection to Interexchange Customer-Provided Communications Systems.....	22
1.6.10	Connection of Network Channel Terminating Equipment.....	23
1.7	METHOD OF APPLYING RATES.....	24
1.7.1	General.....	24
1.7.2	Determination of V-H Mileages.....	24
1.8	SPECIAL TAXES, FEES AND CHARGES.....	25
1.8.1	General.....	25
4.1	DESCRIPTION AND APPLICATION OF SERVICES.....	27
4.1.1	General.....	27
4.1.2	Regulations.....	27
4.1.3	Rate Configuration.....	31
4.1.3.1	General.....	31
4.1.3.2	Local Distribution Channel.....	31
4.1.3.3	Intraexchange Interoffice Channel.....	31
4.1.3.4	Interexchange Interoffice Channel.....	32
4.1.3.5	Optional Service Functions.....	32
4.1.3.6	Service Charge.....	33
4.1.3.7	Exceptions.....	33
4.1.4	Rates and Charges.....	34

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Public Service Commission