

REGULATIONS**A. Undertaking of the Company**

1. Scope

- a. This Section contains the regulations governing private line services furnished by the Company.
- b. Private line service is the furnishing of the Company facilities for communications between specified locations within the Local Access and Transport Areas (LATAs) in Oklahoma 24 hours daily, seven days per week. Facilities 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 facilities to a customer for such purposes.
- d. Local Access Transport Areas (LATA) Boundaries

Oklahoma LATA boundaries have been established through orders issued by the United States District Court for the District of Columbia in Civil Action 82-0192. Any changes in LATA boundaries must be approved by this Federal Court.

- e. Services provided under this guidebook shall be used by customers for end-to-end private line services. Interexchange Carriers may use services found in this Part for administrative purposes; however, an Interexchange Carrier shall not use services found in this Part to furnish their authorized service offerings.

2. Limitations

- a. In case a shortage of facilities exists at any time, either for temporary or protracted periods, the establishment of Long Distance Message Telecommunications Service and/or regular Local Exchange Telephone Service shall take precedence over all other services and uses.
- b. Service under this Part is subject to the availability of facilities.

3. Liability

- a. In view of the fact that the customer has exclusive control of his communications over the facilities furnished him by the Company, and of the other uses for which facilities may be furnished him by the Company, and because of unavoidable errors incident to the services and to the use of such facilities of the Company, the services furnished, by the Company, are subject to the terms, conditions and limitations herein specified and to such particular terms, conditions and limitations as set out in the Sections of this Part governing the respective services.

REGULATIONS (cont'd)**A. Undertaking of the Company (cont'd)**

3. Liability (cont'd)

- b. The liability of the Company for damages arising out of mistakes, omissions, interruptions, delays, errors or defects in transmission occurring in the course of furnishing service, whether the result of the 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 mistake, omissions, interruption, delay, error, or defect in transmission occurs and continues.

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 authorized user, or which arise from or in connection with the use of customer-provided facilities or equipment shall not result in the imposition of any liability whatsoever upon the Company.

- c. The customer or authorized user indemnifies and saves the Company harmless against claims for libel, slander or the infringement of copyright arising from the material transmitted over the facilities; against claims for the infringement of patents arising from combining with, or used in connection with, facilities of the Company apparatus and systems of the customer or authorized user and against all other claims arising out of any act or omission of the customer or authorized user in connection with the facilities provided by the Company.
- d. The Company does not guarantee nor make any warranty with respect to equipment provided by it for use in an explosive atmosphere. The customer or authorized user 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 authorized 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 authorized user, 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 equipment so provided.

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

- 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 or authorized user, resulting from the furnishing of channel facilities or the attachment of the instruments, equipment, apparatus, and associated wiring 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.

REGULATIONS (cont'd)**A. Undertaking of the Company (cont'd)**

4. Provision of Facilities

- a. The Company and other telephone companies with which it jointly furnishes service will provide, maintain and repair all facilities and equipment necessary for private line service provided that the right of way to the point of service is furnished to the Company without charge. The customer or authorized user may connect his own terminal equipment or communications systems to private line service as specified in Paragraph F. following.
 1. When a private line service is used for data transmission which requires terminal equipment (data sets), such data sets will be provided by the customer or authorized user. The Company will furnish all equipment located on Company premises. It shall be the responsibility of the customer or authorized user to insure the continuing compatibility of customer-provided equipment with the facilities and equipment furnished by the Company.
 2. The Company has the service responsibility up to the network interface/demarcation point. Terms and conditions for the location of demarcation points are in 'Rules and Regulations Applying to All Customers' Contracts' found in Part 2, Section 2.
 3. At the request of the customer the Company will install, move, change, remove, rearrange, replace and maintain premises wire (including jacks) associated with private line services as outlined in 'Service Charges - Connections Moves and Changes' in Part 3, Section 1.
- b. If the customer requests that his service be established, maintained, moved or changed during hours of the day or days of the week (other than normal work hours or days), or on holidays, when overtime wages apply, then additional charges are applicable as outlined in 'Service Charges - Connections, Moves and Changes' in Part 3, Section 1.

Where the customer requests standby Company personnel be provided irrespective of when such standby workmen are provided, the additional estimated cost of providing such standby personnel applies.

- c. The Company facilities on the premises of a customer or authorized user 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 lines, or upon termination of the service, for the purpose of removing such lines.
- d. When serving office boundary realignments are necessary at the discretion of the Company, those private line services affected by the change will be reconfigured. Any change in the charges to a private line customer will become effective when the serving office area transfer is made.

REGULATIONS (cont'd)**A. Undertaking of the Company (cont'd)****5. Protective Equipment**

- a. When a hazardous electrical environment is present at a customer's or authorized user'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 A.7.
- b. Neutralizing transformers, isolating transformers, drainage coils and other special protective equipment for use in providing service to customer's or authorized user's premises where there are high ground potentials, even though not required by 5.a. above, may be provided by the customer or in accordance with A.7.

6. Application for Private Line Service

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 Guidebook.

Rules and regulations pertaining to payments for service are as found in 'Rules and Regulations Applying To All Customers' Contracts' found in Part 2, Section 2.

7. Special Equipment and Arrangements

When the customer or authorized user requests a service arrangement which requires the installation of special equipment or modification of standard equipment, and for which provision is not otherwise made in this Guidebook, it can be furnished by the Company at additional rates and charges.

REGULATIONS (cont'd)**B. Use**

A private line service may be used for one or more of the purposes specified in paragraph 1. following (Authorized Use). When a private line service is arranged for use by authorized users, the users shall be permitted to use such service in the same manner as the customer as specified in B.1.

1. Authorized Use

Authorized users 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 and the authorized users 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 subsidiary corporation's over which the customer or authorized user exercises control through the ownership of more than 50 percent of the voting stock.
- d. For the transmission of communications 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.
- 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.

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.

REGULATIONS (cont'd)**B. Use (cont'd)**

3. Resale of Use for Others

The sharing of this service for multiple end users or the aggregation of traffic from multiple end users onto a single service shall not be permitted.

Private line service shall not be used for any purpose for which a payment or other consideration, direct or indirect, shall be received by either the customer or authorized user. This provision does not prohibit an arrangement between the customer or authorized users to share the cost of the private line service. 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 of service may be provided for the use of the Composite Data Service Vendor.

C. Obligation of the Customer

1. Customer Responsibilities

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

- 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 station.
- c. Damages to facilities of the Company caused by the negligence or willful act of the customer or authorized user 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 equipment or apparatus on the customer's or authorized user's premises.
- e. The provision of appropriate power including the outlet and power wiring when the Company equipment installed on the premises of a customer or authorized user requires power for its operation.
- f. Furnishing and maintaining poles and/or underground facilities on private property. The customer is also responsible for the provision of space, supporting structures, opening and closing of trenches, and on premises conduit for Company services located on the premises of the customer or authorized user.
- g. The provision, installation and maintenance of sealed conduit with explosive-proof fittings between equipment furnished by the Company in explosive atmospheres and points outside the hazardous area where connection may be made with regular facilities of the Company, and may be required to install and maintain Company equipment 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.

REGULATIONS (cont'd)**C. Obligation of the Customer (cont'd)**

1. Customer Responsibilities (cont'd)

- h. Obtaining permission for the Company agents or employees to enter the premises of the customer or authorized user at any reasonable hour for the purpose of installing, inspecting, repairing, or upon termination of the service, removing the facilities of the Company.
- i. Making all Company Private Line facilities available for maintenance purposes at a time agreeable to both the Company and the customer or authorized user. No allowance will be made for the period during which the service is interrupted for such purposes.

2. Rearrangements and Repairs

A customer or authorized user may not rearrange, disconnect, remove or attempt to repair or permit others to rearrange, disconnect, remove or attempt to repair any apparatus or wiring installed by the Company, except upon the written consent of the Company or as provided in the Company Guidebook.

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 nonrecurring charges if the service is assumed exactly as provided to the previous customer.

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 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.

D. Payment Arrangements and Credit Allowances

1. Payment of Charges and Deposits

Rules, regulations and amounts pertaining to advance payments, deposits, guaranty contracts and payments for service are found in 'Rules and Regulations Applying To All Customers' Contracts' in Part 2, Section 2.

2. Termination of Contracts

Service may be terminated as provided in 'Rules and Regulations Applying To All Customers' Contracts' in Part 2, Section 2.

REGULATIONS (cont'd)**D. Payment Arrangements and Credit Allowances (cont'd)**

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 facilities 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 thirty 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.
4. Special Construction
 - a. Rates and charges for special construction will be provided as in Section 14 of the Access and Related Interconnection Services Guidebook. All nonrecoverable costs associated with facilities specially constructed will be recovered from the customer as a nonrecurring charge. Maximum termination liabilities are not applicable to private line services. (C)
 - b. Special construction is that construction undertaken:
 1. where facilities are not presently available, and there is no other requirement for the facilities so constructed.
 2. of a type other than that which the Company would normally utilize in the furnishing of its services.
 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 needs.
 5. on a temporary basis until permanent facilities are available.
 6. involving abnormal costs.
 7. in advance of its normal construction on an expedited basis.

REGULATIONS (cont'd)**D. Payment Arrangements and Credit Allowances (cont'd)**

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 Company undertakes any work involved in developing such quotations.

5. Change in Service Arrangement

The normal nonrecurring charge per channel applies when changing from one type of private line service to another type of private line service.

If a modification of use causes a service to be re-designated from Exchange status to Access status, such a change is allowed without incurring Termination Charges given the following conditions are met:

- There must be no change in service locations.
- The new Term Pricing Plan (TPP) must be equal to or longer than the remaining time in the existing TPP.

Upgrades are permitted subject to underlying product guidebooks.

Nonrecurring charges associated with the service under the new jurisdiction may apply.

6. Suspension of Service

Temporary suspension of service at the request of the customer is not applicable to this service.

7. Temporary Surrender of a Service

When, at the request of the Company, a service is temporarily surrendered by the customer or authorized user 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.

REGULATIONS (cont'd)**D. Payment Arrangements and Credit Allowances (cont'd)****8. Allowances for Interruptions**

If the service is interrupted other than by the negligence or willful act of the customer or authorized user, 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 authorized user or detected by the Company.

- a. No credit is allowed for interruption of less than twenty-four (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 twenty-four (24) hours of interruption for the portion of the service rendered inoperative by reason of the interruption.
- b. Long Distance 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 thirty (30) days.

9. Cancellation of Application of Service

Where installation of facilities, other than those provided by special construction, has been started prior to the cancellation, the charge specified in 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 the service ordered by the customer as provided in this Guidebook plus the full amount of any termination charges applicable.
- c. Installation of facilities for a customer is considered to have started when the Company incurs any expense in connection therewith or in preparation therefore which would not otherwise have been incurred; provided the customer has advised the Company to proceed with the installation of facilities.

REGULATIONS (cont'd)

D. Payment Arrangements and Credit Allowances (cont'd)

10. Expedited Order Charge

a. The following services can be expedited for an additional Order Charge:

- Special Signaling Services – Series 100
- Sub-Voice Grade Services – Series 200
- Voice Grade Service – Series 300 and 400

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- Homebound Student Services
- Double Drop Service
- Local Area Data Service
- Amplifiers and Distributing Centers
- Voice Communicating Equipment
- Alternate Use of Private Line Service Channels
- Served Direct Service
- MegaLink I – Standard Digital Service
- MegaLink II – Premium Digital Service

b. If a customer desires that service be provided on a due date less than the standard interval, which has been established for the order or the provision of the Service, the customer may request that service be provided on an expedited basis.

c. The provisioning of the expedited request is based upon available facilities and is limited to twelve (12) two-point or six (6) multi-point Analog/DS0 circuits at the same location. Expedited order requests do not apply to services that are jointly provided by the Company and an Independent Telephone Company.

d. If the Company determines that service can be provided on the requested expedited date and spare facilities are available, the following charge will apply:

Analog Channel Services and MegaLink Service

USOC: EODDO

Expedite Order Charge: \$650.00

REGULATIONS (cont'd)**E. Definitions**

Certain terms used generally throughout this Part may be found in the "Explanation of Terms" section of the Part 2, Section 1. Other definitions used in this Part are as follows:

Access Line

In connection with Special Bridging Service, that dedicated channel or channels connecting the master station, remote station, or interconnecting station to a special bridge.

Authorized User

Denotes a person, firm or corporation who is authorized by the customer to be connected to the service of the customer for the purpose of transmitting communications to or from the customer and relating directly to the customer's business. An authorized user must be specifically named in the application for service and a station must be located on his premises.

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.

Channel

Denotes a portion of a private line service which is a path (or paths) for electrical communication, between two or more stations or Company offices or between a station and a serving office. A channel may be furnished in such manner as the Company may elect, whether by wire, radio or a combination thereof and whether or not by means of a single physical facility or route.

Channel Terminal

The facilities required to terminate an interexchange intraLATA channel or an interoffice channel at a serving office.

Company

Southwestern Bell Telephone Company, LLC, d/b/a AT&T Oklahoma.

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Contract

The service agreement between a customer and the Company under which facilities for communications between specified locations, for designated periods, and for the use of the customer or authorized user specifically named in the contract are furnished in accordance with the provisions of the Guidebook.

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.

REGULATIONS (cont'd)**E. Definitions (cont'd)**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 Terminal Equipment

Devices, apparatus and their associated wiring, provided by a customer or authorized user at the premises of the customer for use with facilities furnished by the Company for private line service and does not include customer-premises communications systems.

Demarcation Point

The point of interconnection between the Company's facilities and the wiring at the subscriber's premises. The demarcation point (referred to as network interface) shall consist of wire or a jack conforming to Subpart F of Part 68 of the Federal Communications Commission's Rules and Regulations. Terms and conditions for the location of demarcation points are found in 'Rules and Regulations Applying to All Customers' Contracts' in Part 2, Section 2.

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 intraLATA section of that network.

Duplex Service

Denotes service which permits customers or authorized users to communicate in both directions simultaneously.

Equalized

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

Foreign Serving Office

Exchange service furnished by means of a circuit connecting a customer's station to a serving office of the same exchange but outside of the serving office area in which the station is located.

REGULATIONS (cont'd)**E. Definitions (cont'd)**Grandfathered Communications Systems

Denotes communications systems (including their equipment, premises wiring and protective circuitry, if any) connected at the premises of the customer or authorized user in accordance with any Company Guidebooks, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, (a) such systems were connected to the telecommunications network or the private line services specified in F.4.b following prior to January 1, 1980 and were of a type system which was directly connected (i.e. without Company-provided connecting arrangements) to the telecommunications network or the private line services specified in F.4.b following as of June 1, 1978, or (b) such systems are connected to the private line services specified in F.4.c or F.4.d following prior to May 1, 1983 and are of a type system which was directly connected (i.e. without Company-provided connecting arrangements) to the private line services specified in F.4.c or F.4.d following as of April 30, 1980.

Grandfathered Connections of Communications Systems

Denotes connections via Company-provided connecting arrangements of communications systems (including their equipment and premises wiring) at the premises of the customer or authorized user in accordance with any Company Guidebooks, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, (a) such connections to the telecommunications network or the private line services specified in F.4.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 F.4.b following as of June 1, 1978, or (b) such connections to the private line services specified in F.4.c or F.4.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 F.4.c or F.4.d following as of April 30, 1980.

Grandfathered Terminal Equipment

Denotes terminal equipment (including protective circuitry if any) connected at the premises of the customer or authorized user in accordance with any Company Guidebooks, and that is considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, (a) such terminal equipment was connected to the telecommunications network or the private line services specified in F.4.b following prior to July 1, 1979 and was of a type of terminal equipment which was directly connected (i.e. without Company-provided connecting arrangements) to the telecommunications network or the private line services specified in F.4.b following as of October 17, 1977, or (b) such terminal equipment is connected to the private line services specified in F.4.c or F.4.d following prior to May 1, 1983 and is of a type of terminal equipment which was directly connected (i.e. without Company-provided connecting arrangements) to the private line services specified in F.4.c or F.4.d following as of April 30, 1980.

REGULATIONS (cont'd)**E. Definitions (cont'd)**Grandfathered Connections of Terminal Equipment

Denotes connections via Company-provided connecting arrangements of customer-premises terminal equipment connected at the premises of the customer or authorized user in accordance with any Company Guidebooks, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, (a) such connections to the telecommunications network or the private line services specified in F.4.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 F.4.b following as of October 17, 1977, or (B) such connections to the private line services specified in F.4.c or F.4.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 F.4.c or F.4.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.

Inside Wire and Cable

Those facilities which are furnished in connection with private line services from the building main floor or terminal frame or protector to the station equipment on the customer's premises. This does not include cable which is a part of the General Exchange offerings found in other Parts of this Guidebook.

Interconnecting Station

In connection with Special Bridging Service, one of the many stations 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 station.

Interexchange IntraLATA Channel

That portion of a private line service which interconnects two primary serving offices in different exchanges or metropolitan exchanges, within the Local Access and Transport Area (LATA).

REGULATIONS (cont'd)**E. Definitions (cont'd)**Interexchange Service

A private line service where station locations are in different exchanges or metropolitan exchanges, within the LATA.

Interoffice Channel

That portion of a private line service which interconnects (1) local channels in different serving offices associated with Intraexchange Service; (2) Interexchange Channels with Local Channels; (3) for MegaLink I Service the portion of service that connects the serving office and a digital serving office or the portion of service between digital serving offices; or (4) for MegaLink II - Premium Digital Service that portion which connects a serving office and a digital hub.

Intraexchange Service

A private line service where all the station locations are wholly within an exchange or a metropolitan exchange as defined in Part 4, Section 1.

Local Channel

That portion of a private line service which interconnects a station location to (1) an interexchange or interoffice channel; or (2) another station location on a different premises in the same serving area, via another local channel to the station on a different premises.

Local Distribution Channel

A two-point transmission path between a customer's premises and a serving office used for MegaLink Services.

Master Station

In connection with Special Bridging Service, the one station of a multipoint network located on a customer's premises, which communicates with each remote station.

Multi-Point Service

Denotes a service arrangement which provides communication capability between more than two private line station locations constituting a common dedicated communications system.

Network Control Signaling Unit

Denotes the network channel termination equipment furnished by the Company for network control signaling.

Network Interface

See *Demarcation Point*

Other Line Charge

The charge applied by another telephone company for the portion of an interexchange channel which it furnishes. The "other line" charge added to the Company's charge for the portion of the interexchange channel which it furnishes is the through charge for the entire interexchange channel furnished jointly by the Company and the connecting company.

REGULATIONS (cont'd)**E. Definitions (cont'd)**

Other Telephone Company
See *Connecting Company*

Point of Termination
See *Demarcation Point*

Premises

For the application of Private line charges: Premises is defined as all of the buildings occupied by the same customer, provided that all of the buildings are located on the same plot of ground and are not intersected by a public highway. (Note: A public highway is considered to mean a vehicular thoroughfare which is governmentally owned.)

For the application of Service charges: Premises is defined as all portions of the same building occupied by the same customer, provided that: (1) the portions are not separated from each other by intervening offices, rooms or suites not occupied by the customer and (2) 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.

Primary Serving Office

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

Private Line Service

Channels and other facilities (when provided by the Company), provided solely for the use of a customer and his authorized users.

Remote Station

In connection with Special Bridging Service, one of the many stations on a multipoint network which is connected to the master station by a bridging arrangement.

Service Area

An exchange or a zone of a metropolitan exchange.

Service Point

When used in connection with private line services: Denotes the service area in which a station of the customer or authorized user is located. Where a station is not located in an exchange area, the location of the station or termination is considered to be an exchange for the purpose of this definition.

When used in connection with customer premises: Denotes the demarcation point at the customer's or authorized user's premises where regulated private line services provided by the Company to the customer or authorized user are terminated.

REGULATIONS (cont'd)**E. Definitions (cont'd)**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: (1) by a single unit serving office with one telephone number prefix, (2) by a multiple unit serving office with multiple telephone number prefixes and (3) by a theoretical serving office with switching equipment located in another exchange or serving office area.

Signal Source

Denotes a location at which video and audio signals are supplied to an educational television system.

Station

The term station as used in connection with private line services: denotes a point on a premises at which a private line service is terminated where the transmitting or receiving equipment, or combination transmitting and receiving equipment, is furnished by the customer or authorized user.

Station Port

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

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Switched Access Service

Provides for the use of the Company's public switched network by Interexchange Customers for their use in furnishing their services as defined in the Access Service Tariff (or the Access and Related Interconnection Services Guidebook).

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 authorized user or by the Company under its regulations concerning cancellation for cause, of service or facilities (including channels) provided by the Company.

Zone

A portion of a metropolitan exchange which has one primary serving office and is further described in Part 4, Section 1.

REGULATIONS (cont'd)**F. Connections**

1. General

Terminal 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 applicable provisions of 'Connections of Terminal Equipment and Communications Systems' in Part 2, Section 9. Additional regulations pertaining to private line services follow.

2. Responsibility of the Customer

- a. It shall be the responsibility of the customer to ensure the continuing compatibility of customer-provided equipment with the private line service furnished by the Company.
- b. The consent of the customer must be obtained by the authorized user prior to the connection of authorized user premises terminal equipment or communications systems to a private line service provided to the customer.

3. Connections of Facilities Furnished by the Customer Which Involve Hazardous or Inaccessible Locations

Facilities furnished by the customer which involve hazardous or inaccessible locations may be connected with private line service furnished by the Company. Such facilities furnished by the customer must comply with the minimum protection criteria contained herein.

4. 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 F.4.b., F.4.c. or F.4.d. following, subject to F. preceding, and further subject to 'Connections of Terminal Equipment and Communications Systems', Connections of Registered Equipment paragraph of Part 2, Section 9.

REGULATIONS (cont'd)**F. Connections (cont'd)**

4. Connections of Registered Equipment (cont'd)

- b. The connection may be made only at the premises of the customer or authorized user, to voice grade private line service that present a two-wire loop signaling interface for such connection under the following conditions:
 - 1. Registered terminal equipment, registered protective circuitry, and registered key telephone systems may be connected to the station end of private line services furnished in connection with off-premises stations.
 - 2. Registered PBX Systems may be connected, as a trunk termination, to the station end of private line services furnished in connection with off-premises stations.
 - 3. Registered terminal equipment, registered protective circuitry and registered key telephone systems may be connected to CCSA access lines.
- c. The connection of registered terminal equipment and registered PBX systems may be made only at the premises of the customer or authorized user to a voice grade private line service that presents an interface for a two-wire transmission, with separate E and M signaling leads conventionally known as Type I (battery/ground) or Type II (contact closure type). Such E and 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.
- d. The connection of registered terminal equipment and registered PBX systems may be made only at the premises of the customer or authorized user, to a special or voice grade private line service furnished to provide indications of message registration of outgoing calls or automatic identification of outward dialing (AIOD) to such customer-premises equipment.

In addition, customers who intend to install, perform additions to, or made rearrangements of AIOD functions shall give advance notice to the Company in accordance with the procedures specified in Part 68 of the Federal Communications Commission's Rules and Regulations or as otherwise authorized by the Federal Communications Commission.

- e. Unless a specific waiver has been granted by the Federal Communications Commission, or except as otherwise provided in f. following, all connections of registered equipment to services furnished by the Company will be made through a point of demarcation. In most cases, this will be through a Company-provided standard jack. In the case of registered communications systems utilizing complex wiring, a method of connection, jacks, terminal strips, etc., will be provided by the Company.
- f. The requirement for the use of standard jacks as described in 4.e. preceding is waived for registered equipment which is located in hazardous or inaccessible locations.

REGULATIONS (cont'd)**F. Connections**

5. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems

a. Direct Connections

1. Grandfathered terminal equipment and grandfathered communications systems, directly connected to the private line services specified in F.4.b preceding are subject to 'Connections of Terminal Equipment and Communications Systems' and 'Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems' in Part 2, Section 9 and Part 20, Section 2 and are subject to the minimum protection criteria set forth in this Guidebook.
2. Grandfathered terminal equipment and grandfathered communications systems, directly connected to the private line services specified in F.4.c and F.4.d preceding on April 30, 1980, may remain connected for the life of the equipment without registration, and may be modified only in accordance with Part 68 of 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 this Guidebook.
 - (b) No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.
3. Until May 1, 1983, new installations of terminal equipment or communications systems which have been grandfathered may be connected for use with the private line services specified in F.4.c and F.4.d preceding, subject to the following:
 - (a) The customer shall notify the Company when such equipment or systems are to be connected and shall notify the Company when such equipment or systems are to be permanently disconnected; such notification shall include a description of the equipment including the manufacturer's name, model number, and type of equipment;
 - (b) All such connections are made through Company-provided standard jacks or are otherwise connected by the Company;
 - (c) All such connections shall comply with the minimum protection criteria set forth in this Guidebook;
 - (d) Premises wiring associated with communications systems shall conform to Part 68 of the Federal Communications Commission's Rules and Regulations;
 - (e) No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.

REGULATIONS (cont'd)

F. Connections

5. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (cont'd)
 - a. Direct Connections (cont'd)
 4. Additions to grandfathered terminal equipment or grandfathered communications systems specified in a.2. and a.3. preceding may be made, subject to a.3.(a) through a.3.(e) preceding and to the following:
 - (a) Until May 1, 1983, where the equipment being added is of a type which has been grandfathered, and
 - (b) After May 1, 1983, where the equipment being added is grandfathered.
 - (c) Additions of registered equipment are subject to F.4 preceding.
 5. Systems connected pursuant to a.2. through a.4. preceding may remain connected and be moved and reconnected, in accordance with a.3.(a) through A.3.(e) preceding, for the life of the equipment and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations.
 6. Customer-provided terminal equipment and customer-provided communications systems connected via customer-premises grandfathered protective circuitry are subject to the provisions of a.1. through a.5. preceding.

REGULATIONS (cont'd)**F. Connections****5. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (cont'd)****b. Connections Through Connecting Arrangements Provided by the Company**

1. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in 1.6.4.B preceding are subject to 'Connections of Terminal Equipment and Communications Systems' and 'Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems' in Part 2, Section 9 and Part 20, Section 2. Such connections are subject to the minimum protection criteria set forth in this Guidebook.
2. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in F.4.c and F.4.d preceding are subject to the following:
 - (a) Until May 1, 1983, the Company will provide connecting arrangements for installations of new customer-premises terminal equipment or communications systems that are subject to Part 68 of the Federal Communications Commission's Rules and Regulations.

However, after May 1, 1983, Company-provided connecting arrangements will only be provided, to the extent that such connecting arrangements are available, to reconnect terminal equipment or communications systems which were previously connected to the private line services specified in F.4.c or F.4.d preceding through connecting arrangements prior to May 1, 1983.

- (b) Grandfathered connections of terminal equipment and grandfathered connections of communications systems made in accordance with 2.(a) preceding may remain connected and be moved and reconnected for the life of the equipment and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations. Connecting arrangements used for such moves and reconnections will continue to be provided by the Company subject to their availability, at the rates and charges specified in 'Connections of Terminal Equipment and Communications Systems' in Part 2, Section 9.
 - (c) Network control signaling shall be performed by the connecting equipment furnished, installed and maintained by the Company, except that customer-provided tone-type address signaling is permissible through the Company-provided connecting arrangement.
 - (d) The connections specified above must comply with the minimum protection criteria specified in this Guidebook.

REGULATIONS (cont'd)**F. Connections****6. Connections of Customer-Provided Terminal 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-provided terminal 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.

Special Signaling Channels Series 100
Sub-Voice Grade Channels Series 200
Channels for Data Transmission

(D)

Video Channels

(D)

2. Except as otherwise provided in F.4 and F.5 preceding, customer-provided terminal equipment and communications systems may be electrically connected to private line services in accordance with this paragraph.
 - (a) When the customer-provided terminal 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 the public switched network, such connections shall be made to an interface provided the Company at the demarcation point.
 - (b) When the customer-provided terminal equipment or communications system is connected with private line service furnished by the Company and such private line service is arranged for connection to the public switched network:
 - (1) except as otherwise specified in F.6.b.1.(d) following, such connections shall be made through a connecting arrangement as provided in this paragraph and
 - (2) the connection shall be such that the functions of network control signaling (except customer-provided tone type address signaling through a Company-provided connecting arrangement) are performed by equipment furnished by the Company.
 - (c) Customer-provided terminal equipment or communications systems connected pursuant to F. or F.4 preceding must comply with the minimum protection criteria specified in this Guidebook.

REGULATIONS (cont'd)**F. Connections****6. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program****b. Communications Systems**

1. Customer-provided communications systems (other than communications systems connected pursuant to F.4 and F.5 preceding) may be connected to private line service in accordance with this paragraph. These communication systems (including channels derived from such systems), not exceeding voice grade, may be connected at the customer's or authorized user's premises where the customer has a regular and continuing requirement for the origination or termination of communications over the customer-provided communications system provided that:

- (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 either by the customer or authorized user.
- (c) The connection shall be to channels of voice grade or less furnished by the Company or to channels created therefrom in accordance with the provisions referenced in 'Connections of Terminal Equipment and Communications', Connections of Customer-Provided Communications Systems not subject to Part 68 of the Federal Communications Commission's Rules and Regulations, in Part 2, Section 9.
- (d) When the private line service is arranged as provided in F.6.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 Part 68 of the Federal Communications Commission's Rules and Regulations are met at the private line demarcation point.

Minimum protection criteria as set forth in this Guidebook 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, referenced in the 'Connections of Terminal Equipment and Communications', Connections of Customer-Provided Communications Systems not subject to Part 68 of the Federal Communications Commission's Rules and Regulations, paragraph in Part 2, Section 9 is available for the control of signal power only.

REGULATIONS (cont'd)**F. Connections****6. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)****b. Communications Systems (cont'd)**

2. A communications system provided by an authorized user may be connected at the premises of the authorized user to private line service furnished by the Company to a customer on which the authorized user has a station provided that:
 - (a) The customer has a regular and continuing requirement for communications originating or terminating at the authorized user's premises at which the connection is made.
 - (b) The normal mode of operation of the authorized user-provided communications system shall be to provide communications originating or terminating at the premises on which connection is made.
 - (c) The connection shall be made through switching equipment provided by the customer or authorized user or by the Company.
 - (d) The connection shall be to channels of voice grade or less furnished by the Company or to channels created therefrom in accordance with the provisions of F.10 following.
 - (e) The connection shall be made on the same basis as set forth for the customer in F.6.a.2 preceding and F.6.c following.
 - (f) All communications over the interconnected facilities shall be between the customer and authorized user and relate directly to the customer's business.

c. Minimum Protection Criteria for Electrical Connections

1. Since private line services utilize the Company channels and equipment 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.
2. To protect other services, it is necessary that the signal which is applied by the customer-provided equipment to the Company demarcation point located at 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 F.6.a. preceding.
 - (b) The power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt.
 - (c) The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24dB below one milliwatt.

REGULATIONS (cont'd)**F. Connections**

6. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)
 - c. Minimum Protection Criteria for Electrical Connections (cont'd)
 2. (cont'd)
 - (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 demarcation point located at the customer's premises at no time have 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.
 4. Where customer-provided equipment applies 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 demarcation point shall not exceed the limits indicated in 4.(a) through 4.(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 4.(b) above is not exceeded. If the signal source is not grounded, the voltage limit in 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:

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

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

REGULATIONS (cont'd)**F. Connections**

7. Channel Derivation Devices

Customer-premises channel derivation devices which are used to create additional channels in accordance with a. and b. following may be connected to private line service subject to F, F.4 and F.5 preceding.

- a. Subject to the normal transmission characteristics of the private line service ordered, the customer or authorized user may create additional channels from the service ordered through the use of channel derivation equipment can be used with any service.
- 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.

8. Connections of Certain Facilities of Power, Pipe Line and Railroad Companies^{/1/}

Effective May 1, 1983, new installations of or additions to customer-premises terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations, connected to the private line services specified in F.4.c or F.4.d preceding in accordance with regulations for Connection of Certain Facilities of Power, Pipeline and Railroad Companies found in the General Exchange Tariff must meet the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations.

9. Connections of Certain Facilities of the U.S. Army, Navy and Air Force^{/1/}

Effective May 1, 1983, new installations of or additions to customer-premises terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations, connected to the private line services specified in F.4.c or F.4.d preceding in accordance with regulations for Connections of Certain Facilities of the U.S. Army, Navy and Air Force must meet the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations.

10. Connection of Services Furnished by the Company with Services of Other Carriers

The connection of services furnished by the Company with services of other carriers shall be in accordance with the rules and regulations found in the Access and Related Interconnection Services Guidebook and other sections of this Guidebook.

(C)

^{/1/} The Company will extend the same exemptions to those Customers who were provided this service arrangement in accordance with its Local Exchange Tariff prior to January 1, 1984. However, the connections must continue to involve the same switching or connecting equipment. If the equipment is moved to another premises and reconnected, connections of communications systems must then be made in accordance with F.6.e preceding. New installations of terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations, connected to the channel services specified in F.6.e preceding, must meet the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations.

REGULATIONS (cont'd)**F. Connections****11. 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 Other Carriers or to another service provided by the Company as specified in F.11.a through F.11.e 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 or at the premises of an authorized user with a common service point on both private lines.

All connections will be made through channel switching arrangements provided by the Company or through switching equipment provided by the customer or authorized user, except as otherwise provided in F.11.b following.

- b. *Reserved for future use*

(C)
(D)
(D)

- c. Channels created by the customer or authorized user in accordance with the provisions of F.7 preceding may be connected at the customer's or authorized user's premises to channels of voice grade or less and furnished by the Company, and the channels created therefrom as authorized in F.7 preceding. The connection of channels specified is subject to the regulations contained in F, F.4 and F.5 preceding.

- d. A voice frequency 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 or Local Exchange service to form a through connection over the private and local exchange lines where facility conditions permit. It is not contemplated that more than one such type of connection will be established simultaneously and transmission is not represented as adapted to such connections.

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

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

REGULATIONS (cont'd)**F. Connections****12. Connection of Services Furnished by the Company to Different Customers**

A private line service furnished to a customer may be connected only when the same types of channels (except Long Distance Message Telecommunications Service or Local Exchange Service as set forth below) and the same forms of electrical communication are used over the connected channels.

- a. Where the private line service is furnished to the Government for teletypewriter transmission for the collection and dissemination of (a) weather information (b) miscellaneous airways information pertaining to the supervision of the flight of aircraft along the civil airways or (c) agricultural and farm market information, connection may be made as follows:
 1. 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.
 2. Sending and Receiving Service - for transmission of flight plans to and acknowledgment of such plans from the Government service to which connection is authorized.
- b. 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 is made for such purposes.
- c. A private line furnished to a customer may be connected to a different customer's private line if the different customer is an authorized user of the other customer's private line provided that:
 1. All communications over the interconnected private lines are between the customers and relate directly to their business.
 2. Such connections be made through switching equipment provided by the customer or authorized user at the premises of the authorized user.
 3. Such private lines shall include channels created by the customer in accordance with F.7 preceding.
- d. A private line furnished to a customer may be connected to Long Distance Message Telecommunications Service or Local Exchange service furnished to a different customer provided that:
 1. The customer for the Long Distance Message Telecommunications Service or Local Exchange service is an authorized user of the other customer's private line.
 2. The connection shall be made through switching equipment provided by the customer or authorized user at the premises of the authorized user.

REGULATIONS (cont'd)**F. Connections**

12. Connection of Services Furnished by the Company to Different Customers

d. (cont'd)

3. The connection shall be such that the functions of network control signaling are performed by equipment furnished, installed and maintained by the Company.
4. Such private lines shall include channels created by the customer in accordance with F.7 preceding.

- e. Private lines used for teletypewriter transmission furnished to the U.S. Army may be connected to private lines used 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 connection. Connections will be made by means of switching arrangements furnished by the Company. (C)

G. Method of Applying Rates

1. The method of applying rates for other services are set forth as follows: Educational Television and Served Direct Service, all in Part 15, Section 2. (C)
2. The method of applying rates for interexchange and intraexchange private line service involving two-point and multi-point service for Series 100, Series 200, Series 300 and Series 400 are determined as follows:

a. Local Channel

Two-Point

A local channel charge shall apply for the first channel termination, per service, involved on a customer or authorized user premises. The following have only one local channel: 314B, 314C, 315, 317, 322 and 323.

Multi-Point

In addition to applicable private line service charges, a bridging charge, per channel bridged, applies when three or more voice grade channels connect at the same location. Bridging charges do not apply to Foreign Serving Office and Series 300 channels.

REGULATIONS (cont'd)**G. Method of Applying Rates (cont'd)**

2. (cont'd)

b. Interoffice Channel^{/1/}Two-Point
Intraexchange

When station locations of an intraexchange private line service are located in different serving office areas, interoffice mileage charges apply. Charges are based on the vertical and horizontal (V-H) distance between the serving offices.

Interexchange

When a station location of an interexchange private line service is located in an area served by a serving office that is not also the primary serving office, interoffice mileage charges apply. Charges are based on the V-H distance between the primary serving office and the serving office.

Multi-Point

Each channel connecting primary serving offices with serving offices, or serving offices with serving offices is considered a separate channel for which mileage is independently computed. Mileage will be charged for in a manner that results in the lowest possible total interoffice channel charges unless the customer requests special routing. Bridging charges per channel bridged apply when three or more voice grade channels connect at the same location. Bridging charges do not apply to Foreign Serving office, and Types 315, 317 and 321.

c. Channel Terminals

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

d. Interexchange Channel^{/1/}Two-Point

When station locations of a private line service are located in different exchanges or metropolitan exchanges, interexchange mileage charges apply.

Each exchange and each zone of a metropolitan exchange has one primary serving office. Charges are based on the V-H distance between primary serving offices.

Interexchange mileage between a Company primary serving office and a point of connection with the facilities of another telephone company shall be the maximum V-H distance between the primary serving offices.

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

REGULATIONS (cont'd)**G. Method of Applying Rates (cont'd)**

2. (cont'd)

d. Interexchange Channel^{/1/}Multi-Point

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 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 315, 317 and 321.

e. Additional Point of Termination of a Local Channel in Different Buildings (Same Premises)^{/2/}

A charge, as provided in Part 15, Section 2 of this Guidebook, for extending a local channel 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.

When all station locations of a single private line service are located 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 Part 15, Section 2 of this Guidebook.

f. Additional Point of Termination in Same Building^{/2/}

A charge as provided in Part 15, Section 2 of this Guidebook for extending a local channel and terminating the channel at a station location in the same building shall apply in lieu of additional local channel charges.

g. Same Building^{/2/}

When all station locations of a private line service are in the same building, same building charges as provided in Part 15, Section 2 of this Guidebook apply. Private line rates are not applicable to extension station lines terminated in the same building as the associated main station line or to main and extension station lines of a switching system or key telephone service terminated in the same building as the customer's primary service location.

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

/2/ Obsolete - applicable to existing installations at existing locations, subject to maximum capacity of available facilities.

REGULATIONS (cont'd)**G. Method of Applying Rates (cont'd)**

2. (cont'd)

h. Exceptions

In those cases where an intraexchange service has stations in Oklahoma and another state, the method of applying rates in G.1 and G.2 is modified to apply the charges for that portion of the private line service located in the other state pursuant to that state's tariff or guidebook.

i. Bridging

Bridging charges per channel bridged apply when three or more voice grade local channels, interoffice and/or interexchange channels connect at the same location. Bridging charges do not apply to Foreign Serving Office, Types 315 and 317.

j. Signaling

Signaling charges for Series 300 & 400 channels are applicable per point of termination. Rates and charges are found in Part 15, Section 2 of this Guidebook.

Local Channel Type 428 requires Type A, B or C Loop Signaling, except for the following.

- Signaling charges do not apply to different building, same premises PBX (or similar) stations. Loop signaling is optional on Type 428 local channels associated with grandfathered customer-provided PBX (or similar) switching systems.

Local Channel Type 424 requires E&M Signaling, except for the following.

- E&M Signaling is optional on Type 424 local channels terminating in a grandfathered customer-provided PBX (or similar) switching system. Signaling charges do not apply to on premises tie lines which connect customer provided PBX (or similar) switching systems.

k. Special Routing of Channels

The private line services furnished under this Guidebook are provided over such routes the Company may elect.

Special routing is involved where, in order to comply with requirements specified by the customer, the Company furnished 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 mileage charges are independently computed as provided in Part 15, Section 2.

Special Routing will be provided only where suitable facilities are available.

REGULATIONS (cont'd)**G. Method of Applying Rates (cont'd)**

2. (cont'd)

I. Nonrecurring Charges

1. A charge applies per point of termination installed as provided in Part 15, Section 2 of this Guidebook. Those services with one local channel shall be billed as provided in Section 2.
2. Charges for the move of a network interface, moving a Protector and/or Aerial or Buried Drop for existing service are as found in 'Service Charges - Connections, Moves and Changes' in Part 3, Section 1. Installation and maintenance of wiring beyond the network interface is the responsibility of the customer.
3. Determination of V-H Mileages

To determine the rate distance between any two serving offices/primary serving offices, proceed as follows:

- (a) Obtain the "V" and "H" coordinates for each serving office/primary serving office.
- (b) Obtain the difference between the "V" coordinates of the serving offices/primary serving offices. Obtain the difference between the "H" coordinates.
- (c) Square each difference obtained in b. above.
- (d) Add the squares of the "V" difference and the "H" difference obtained in c. above.
- (e) Divide the sum of the squares obtained in d. above by 10.
- (f) Obtain the square root of the result obtained in e. above. This is the rate distance in miles. (Fractional miles being considered as full miles.)

Example:

The rate distance is required between Ardmore, Oklahoma and Enid, Oklahoma.

	V	H		
Ardmore	8180	4204		
Enid	- 7784	- 4507		
Difference	396	- 303		
Sum of Squares	156816	+ 91809	=	248625

$$\sqrt{\frac{248625}{10}} = 157.68 = 158 \text{ V-H Miles}$$