

**REGULATIONS (FOR DIGITAL LINK SERVICES)**

The regulations described below apply to MegaLink Digital Service, MegaLink III – Wideband Digital Service/1.544 Mbps, MicroLink I – Public Switched Digital Service, DS3 Service, Network Reconfiguration Service<sup>2/</sup> and GigaMAN Service<sup>1/</sup>.

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**A. Undertaking of the Company**

## 1. Scope

- a. This guidebook section contains the regulations and definitions governing the furnishing of Digital Link Service by the Company.
- b. Digital Link Service is the furnishing of Company facilities for communications between specified locations, within the local access and transport areas (LATAs) all within the state of Texas, 24 hours daily, seven days per week. Facilities may be those of the Company only, or those of the Company and other LECs.
- c. The Company does not undertake to transmit messages but offers the use of its facilities where available to customers for such purposes.
- d. Services provided under this guidebook shall be used by Digital Link Service customers for end-to-end service within the LATA. To establish end-to-end service, customers may order segments of Digital Link Services between a customer premises and a Company-designated hub location when the services terminate in certain additional service features or central office-based services, e.g., central office multiplexing or Network Reconfiguration Service. Interexchange Carriers (ICs) may use services found in this guidebook that will meet their administrative needs, however, an IC is restricted from using services found in this guidebook to furnish a portion of their authorized service offerings.

## 2. Limitations

- a. The use and restoration of services shall be in accordance with Part 64, Subpart D, Appendix A, of the Federal Communications Commission's (FCC's) Rules and Regulations and those found in Part 8, Section 5 (*Telecommunications Service Priority System*), which specify the priority system for such activities.
- b. The furnishing of service under this guidebook will require certain physical arrangements of the facilities of the Company and is therefore subject to the availability of such facilities.
- 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/ Effective September 30, 2017, GigaMAN Service will no longer be available for purchase by new or existing customers. See Part 20, Section 15.

/2/ Effective October 30, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers. See Part 20, Section 15.

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**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****A. Obligations of the Company (cont'd)**

## 3. Liability

- a. In view of the fact that the customer has exclusive control of communications over the facilities furnished him or her by the Company, and of the other uses for which facilities may be furnished by the Company, and because of unavoidableness of errors incident to the services and to the use of such facilities of the Company, the services and facilities furnished by the Company are subject to the terms, conditions and limitations herein specified.
- b. The Company's failure to provide or maintain facilities under this guidebook shall be excused by labor difficulties, governmental orders, civil commotions, acts of God and other circumstances beyond the Company's reasonable control, subject to the interruption allowance provisions of this guidebook.
- c. The Company's liability, if any, for its gross negligence or willful misconduct is not limited by this guidebook. With respect to any other claim or suit, by a customer or any others, for damages arising out of mistakes, omissions, interruptions, delays, errors, or defects in transmission occurring in the course of furnishing service hereunder, the Company's liability, if any, shall not exceed an amount equivalent to the proportionate charge to the customer for the period of service during which such mistake, omission, interruption, delay, error, or defect in transmission or service occurs and continues. This liability shall be in addition to any amounts that may otherwise be due to the customer under this offering and/or 'Regulations Applying to All Customers' Contracts' in Part 2, Section 2, paragraph 1.8 (*Service Guarantee*) as an allowance for interruptions. However, any such mistake, omission, interruption, delay, error, or defect in transmission or service which is caused or contributed to by the negligence or willful act of the customer or user or which arises from the use of customer provided facilities or equipment shall not result in the imposition of any liability whatsoever upon the Company. Except as specifically set forth in 'Regulations Applying to All Customers' Contracts' in Part 2, Section 2, paragraph 1.8 (*Service Guarantee*), no other liability shall in any case attach to the Company in consideration of such interruptions.
- d. The 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 facilities;
  2. claims for infringement of patents arising from combining with, or using in connection with, facilities furnished by the 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 facilities provided by the Company.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****A. Obligations of the Company (cont'd)**

## 3. Liability (cont'd)

- e. 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 user indemnifies and holds the 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 equipment so provided.

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

- f. The Company is not liable for any defacement of or damage to the premises of a customer (or user) resulting from the furnishing of channel facilities or the attachment of 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.
- g. The Company shall in no way be liable for any harm or any damages arising in connection with any failure by the customer to properly bond or ground a mobile premises or any mobile structure in which service is to be provided (e.g., boats, RVs and mobile homes), as well as equipment and associated wiring located on the customer's side of the demarcation point at any premises, whether fixed or mobile.

## 4. Provision of Facilities

- a. The Company will provide all facilities necessary for Digital Link Service. The customer or user must provide his own terminal equipment or communications system for use with the service as specified in this guidebook.
- b. Digital Link Service furnished by the Company will be furnished at the rates contained in this guidebook, provided the necessary facilities are available. Where facilities are not available, and unusual expenditures are involved in making Digital Link Service available, the customer may be required to pay additional charges to cover the unusual expenditure, or to contract for service beyond the initial period, or both.
- c. The charges specified in this guidebook do not contemplate work being performed by the Company employees involved at a time when overtime wages apply, due to the request of the customer, nor do they contemplate work once begun being interrupted by the customer.

If the customer requests 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 and it is agreeable to the Company. The additional charge does not apply to overtime or premium time worked at the Company's convenience.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)**

**A. Obligations of the Company (cont'd)**

4. Provision of Facilities (cont'd)

- d. The apparatus and associated wiring on customer's premises, furnished by the Company, shall be and remain the property of the Company, whose agents and employees have the right to enter said premises at any reasonable hour for the purpose of installing, inspecting, maintaining or repairing the channel facilities, apparatus and associated wiring and upon termination of the service, for the purpose of removing such channel facilities, apparatus and associated wiring.

**B. Obligations of the Customer**

1. The customer shall be responsible for:

- a. Damages to facilities of the Company caused by the negligence or willful act of the customer or users.
- b. Reimbursing the Company for any loss through theft of its equipment or apparatus on the customer's or user's premises.
- c. Provision of the power required to operate the Company facilities installed on the premises of the customer or users.
- d. 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 the 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.
- e. Obtaining permission for Company agents or employees to enter the premises of the customer or user at any reasonable hour for the purpose of installing, inspecting, repairing or upon termination of the service, removing the facilities of the Company.
- f. Bonding and/or grounding a mobile premises or any mobile structure in which service is to be provided or used (e.g., boats, RVs and mobile homes), as well as any equipment and associated wiring on the customer's side of the demarcation point at any premises, whether fixed or mobile.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****B. Obligations of the Customer (cont'd)**

## 2. Assignment and Transfer of Facilities

The customer may not assign or transfer the use of services provided under this guidebook except, where there is no interruption of use or relocation of the services, such assignment or transfer may be made to:

- a. Another customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such services, and the unexpired portion of the minimum period and the termination liability applicable to such services, if any; or
- b. A court appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such services, if any.

In all cases of assignment or transfer, the written acknowledgment of the Company is required prior to such assignment or transfer. All regulations and conditions contained in this guidebook shall apply to such assignee or transferee.

The assignment or transfer of services does not relieve or discharge the assignor or transferor from remaining jointly or severally liable with the assignee or transferee for any obligations existing at the time of the assignment or transfer.

**C. Use**

## 1. General

Digital Link Service may be used for the transmission of communications to or from any station on the service.

## 2. Shared Use

- a. A user must have a station on the service and the station must be located on the premises of the user and connected to the service by means of a separate local distribution channel.
- b. An interexchange carrier who is a customer for Digital Link Service may not enter into a shared use arrangement between itself and others.<sup>/1/</sup>
- c. The 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 Company only from the customer.
- d. The charges for Digital Link Service shall be determined as provided in this guidebook and all charges for the service will be billed to the customer.

<sup>/1/</sup> Customers wishing to use MegaLink in the provisioning of a shared use arrangement should refer to the *Special Access Section* of the Access Service Tariff.

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**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)**

**C. Use (cont'd)**

3. Unlawful Use

The service furnished under this guidebook shall not be used for any purpose or in any manner directly or indirectly in violation of the law or in aid of any unlawful act or undertaking.

**D. Payment Arrangements and Credit Allowances**

1. Reserved for future use

2. Cancellation for Cause

a. The Company, ten days after written notice to the customer prior to the stated date of disconnection, may immediately discontinue the furnishing of Digital Link Service without incurring liability upon:

- nonpayment of any sum due the Company, or
- a violation of any condition governing the furnishing of service.

3. Minimum and Fractional Rates and Charges

a. The minimum period for which service is furnished and for which charges are applicable is one month, unless otherwise specified.

b. 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.

c. If the period of use exceeds the minimum period, the charges for any fractional part of a month following the minimum period 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.

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 equipment, access lines or channels, any revision in charges necessitated thereby shall commence on the same day that the change or rearrangement is completed.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)**

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

4. Cancellation of Application for Service
  - a. Where the applicant cancels an application for service prior to the start of installation, no charge applies.
  - b. Where installation of facilities has been started prior to the cancellation, the charge specified in 1. or 2. following (whichever is lower) applies.
    1. A charge equal to the estimated costs incurred in such installation, less estimated net salvage.
    2. 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:
    1. The customer has advised the Company to proceed with the installation, or
    2. The Company has advised the customer that, per his order, it is commencing the installation.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)**

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

5. Suspension of Service

Upon request of the customer, service will be suspended without cancellation at any time after the minimum billing period, subject to a. and b. following:

- a. Service will be suspended for a period of not less than two weeks.
- b. Billing shall continue at the full rate.

6. Allowance for Interruptions

In the event a customer's service is interrupted other than by the negligence or willful act of the customer, and it remains out of order for eight normal working hours or longer after access to the premises is made available and after being reported to be out of order, appropriate adjustments or refunds shall be made to the customer. The amount of adjustment or refund shall be determined on the basis of the known period of interruption, generally beginning from the time the service interruption is first reported. The refund to the customer shall be the pro rata part of the month's flat rate charges for the period of days and that portion of the service facilities rendered useless or inoperative. The refund may be accomplished by a credit on a subsequent bill for telephone service.

7. Special Charges, Fees and Taxes

There shall be added to the customer's bill for service, an additional charge equal to the pro rata share of any occupation, franchise, business, license, excise, privilege or other similar charge or tax, now or hereafter imposed upon the gross receipts or revenue of the Company by any municipal taxing body or municipal authority whether by statute, ordinance, law or otherwise, and whether presently due or to hereafter become due.

The charge applicable to each customer will appear separately on the customer's regular monthly bill and shall be determined on a basis equal to the tax levied by each municipal taxing body or municipal authority. The amount of charge to the customer shall be computed by dividing the tax expressed as a percentage by 100% minus the tax expressed as a percentage and multiplying the decimal thus obtained by the customer's service charges to which such tax applies as reflected by the following formula:

$$\frac{\text{Tax}\%}{100\% - \text{Tax}\%} \times \text{Service Charges Subject to Tax} = \text{Amount of Charge to Customer}$$

The amount of charge to the customer will be rounded to the nearest cent.

8. Special Construction

- a. Rates and charges for special construction will be based on estimated costs incurred by the Company and may include (1) one-time service charges, (2) recurring type charges, (3) termination liabilities, (4) or combination thereof. Special construction rates and charges are in addition to rates and charges for Digital Link Service in this guidebook.



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**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****D. Payment Arrangements and Credit Allowances (cont'd)**

## 8. Special Construction (cont'd)

## 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. Where facilities are of a type other than that which the Company would normally use in the furnishing of its services.
3. Where facilities are provided over a route other than that which the Company would normally use in the furnishing of its services.
4. Where facilities are provided in a quantity greater than that which the Company would normally construct to serve the customer needs.
5. Where facilities are provided on a temporary basis until permanent facilities are available.
6. Where facilities requested involve abnormal costs.
7. Where the service requested is provided on an expedited basis.

c. No charge applies where special construction has been started prior to cancellation and it is determined by the Company there is another requirement for the facilities.

d. No charge applies where the applicant cancels an application for service prior to the start of special construction of facilities.

e. Where special construction has been started prior to cancellation, and there is no other requirement for the specially constructed facilities, a charge equal to the costs incurred in the special construction, less net salvage, applies; except that where one or more, but not all, of the services involved in the special construction are canceled, a charge equal to the cost, less net salvage, incurred for the discontinued services applies instead. Net salvage is determined based on the value of reusable material, less cost of removal. In determining the charge, each canceled service is treated as discontinued as of the date on which it was to have been placed in service.

Special construction of facilities for a customer is considered to have started when the Company incurs any expense which would not otherwise have been incurred; provided, (1) the customer has advised the Company to proceed with the installation or, (2) the Company has advised the customer that per his order it is commencing the installation.

f. The Company will provide one primary demarcation point for services provided through Company network facilities at no cost to the subscriber. Any secondary or additional demarcation point(s) requested by the customer will be provided as specified in Part 2, Section 5 (*Construction Charges*). The costs of providing these secondary or additional demarcation points include all labor and materials including cabling. Additions or reinforcements of existing facilities to secondary demarcation points will only be provided upon customer request and billed as specified in Part 2, Section 5 (*Construction Charges*).

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)**

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

9. Nonrecurring Charges Do Not Apply

a. Nonrecurring charges do not apply as follows:

- Service reestablished, within the same exchange, after the destruction or partial destruction of the customer's premises by means beyond the control of the customer whether at the same or another location. However, if service is established at a new location and the customer later moves back to the old location, Nonrecurring Charges are applied in connection with the reestablishment of service at the old location.

b. Change in Service Arrangement

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.

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**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)**

**E. Definitions**

Accessories

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

Bit

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

Carrier or Common Carrier

See interexchange carrier.

Category I

Private line services identified in Section 68.2(a)(iii) of the FCC's Rules and Regulations.

Category III

Private line services identified in Section 68.2(a)(iii) of the FCC's Rules and Regulations.

Central Office

A local Company switching system where telephone exchange service customer station loops are terminated for purposes of interconnection to each other and to trunks.

Channel

A communications path between two or more points of termination.

Channelize

The process of multiplexing-demultiplexing wider bandwidth or higher speed channels into narrower bandwidth or lower speed channels.

Clear Channel Capability

A feature that provides customers with an increase in usable bandwidth by providing an unconstrained data stream across the network.

Communications System

Channels and other facilities which are capable, when not connected to the telecommunications network, of two-way communications between customer-provided terminal equipment.

Composite Data Service

The combined use of terminal and customer-provided data switching equipment with the use of Company communications services by a composite data service vendor to perform data switching for others.

Composite Data Service Vendor

A customer that has been certificated by the proper state or municipal regulatory body, and/or the FCC pursuant to section 214 of the Communications Act of 1934, as amended to acquire and operate facilities 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 used for the provision of composite data.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****E. Definitions (cont'd)**Customer

Any individual, partnership, association, joint-stock company, trust, corporation, governmental entity or any other entity which orders service and is responsible for the payment of charges and compliance with 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 data 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% of the voting stock; or
- the customer for Digital Link Service orders the addition of service points to meet the communications requirements of a user of such service and such additional service points are required to extend the transmission of communications to or from the Digital Link Service for which the customer has a communication requirement of his own.

Data Switching

As used in connection with composite data service denotes the switching of data (non-voice) messages by the interchange, controlling and routing of data messages between two or more stations, via communications facilities, wherein the information content of the message remains unaltered.

Demarcation Point

The point of demarcation and/or interconnection between Company communications facilities and terminal equipment, protective apparatus or wiring at a subscriber's premises. Company-installed facilities at, or constituting, the demarcation point shall consist of wire or a jack conforming to Subpart F of Part 68 of the Commission's rules. The Company will provide one primary demarcation point for services provided through Company network facilities at no cost to the subscriber. Any secondary or additional demarcation point(s) requested by the customer will be provided as specified in Part 2, Section 5 (*Construction Charges*). The costs of providing these secondary or additional demarcation points include all labor and materials including cabling. Additions or reinforcements of existing facilities to secondary demarcation points will only be provided upon customer request and billed as specified in Part 2, Section 5 (*Construction Charges*). "Premises" as used herein generally means a dwelling unit, other building or a legal unit of real property such as a lot on which a dwelling unit is located, as determined by the Company's reasonable and nondiscriminatory standard operating practices. The "minimum point of entry" (MPOE) as used herein shall be either (1) the closest practicable point to where the wiring crosses a property line or (2) the closest practicable point to where the wiring enters a multiunit building or buildings. The Company's reasonable and nondiscriminatory standard operating practices shall determine which of (1) or (2) shall apply. The Company is not precluded from establishing reasonable classifications of multiunit premises for purposes of determining which of (1) or (2) above shall apply. Multiunit premises include, but are not limited to, residential, commercial, shopping center and campus situations.

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**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****E. Definitions (cont'd)**Demarcation Point (cont'd)

*Single Unit Installations:* For single unit installations existing as of June 9, 1994 and installations installed after that date the demarcation point shall be a point within twelve inches of the protector or, where there is no protector, within twelve inches of where the telephone wire enters the customer's premises.

*Multiunit Installations:*

1. In multiunit premises existing as of June 9, 1994, the demarcation point shall be determined in accordance with the Company's reasonable and nondiscriminatory standard operating practices. Provided, however, that where there are multiple demarcation points within the multiunit premises, a demarcation point for a customer shall not be further inside the customer's premises than a point twelve inches from where the wiring enters the customer's premises.
2. In multiunit premises in which wiring is installed after June 9, 1994, the multiunit premises owner shall determine the location of the demarcation point or points. The multiunit premises owner shall determine whether there shall be a single demarcation point location for all customers or separate such locations for each customer. Provided, however, that where there are multiple demarcation points within the multiunit premises, a demarcation point for a customer shall not be further inside the customer's premises than a point twelve inches from where the wiring enters the customer's premises.

At this time, the Company has elected not to establish a practice of placing the demarcation point at the MPOE for multiunit premises. However, at the customer's request, the Company will place the demarcation point at the MPOE in existing installations, and as appropriate, in new installations. The Company will relocate multiple demarcation points to a single demarcation point at an MPOE in a manner that minimizes any resultant charges or other adverse impact to either building owners or customers.

If conforming to the twelve inch limitation is unrealistic or technically impossible, the demarcation point will be the most practicable MPOE.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****E. Definitions (cont'd)**Distance Learning

Instruction, learning, and training that is transmitted from one site to one or more sites by telecommunications services that are used predominantly for such instruction, learning, or training, including video, data, voice, and electronic information.

Duplex

An operation which permits customers or users to communicate in both directions simultaneously.

Educational Institution

Accredited primary or secondary schools owned or operated by state and local government entities or by private entities; institutions of higher education as defined by the Education Code, §61.003(13); the Central Education Agency, its successors and assigns; regional education service centers established and operated pursuant to the Education Code, §11.32 and §11.33; and the Texas Higher Education Coordinating Board; its successors and assigns.

Encoded Analog Content

An analog signal which has been multiplexed and coded within a digital signal.

Equivalent Analog Signal Power

The power of the analog signal at the output of a zero level decoder, obtained when a digital signal is the input to the decoder. A zero level decoder yields an analog level of OdBm at its output when the input is a digital milliwatt signal.

Exchange

A unit generally smaller than a local access and transport area (LATA), established by the Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given LATA.

High Capacity Service (DS1)

A special access service with a bandwidth of 1.544 mbps equivalent to Megalink III - Wideband Digital Service/1.544 Mbps.

Interactive Multimedia Communications

Real-time, two way, interactive voice, video, and data communications conducted over networks that link geographically dispersed locations. This definition includes interactive communications within or between buildings on the same campus.

Interexchange Carrier (IC) or Interexchange Common Carrier

Any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in interstate or foreign communication by wire or radio, between two or more exchanges.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****E. Definitions (cont'd)**Interoffice Channel Mileage

The component of a service between two Company serving wire centers, between a serving wire center and a Company-designated digital hub, between two digital hub locations or between a digital hub and an NRS hub.

IntraLATA Service

Digital Link Service where service point locations are all within the same LATA.

Isochronous

Transmission timing derived from the signal carrying the data (i.e., no timing or clock lead is provided at the customer interface).

Library

Public library or regional library system as defined by Government Code §441.122, or a library operated by an institution of higher education or a school district.

Local Access and Transport Area (LATA)

A geographic area established for the administration of telecommunications service. It encompasses designated local operating Company exchanges which are grouped to serve common social, economic and miscellaneous purposes.

Local Distribution Channel

A channel between a customer's premises and the Company serving wire center or a Company-designated digital or NRS hub which is also the customer's normal serving wire center.

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, or facilities and items of equipment provided by the Company.

Multiplexing

An arrangement that converts a higher bit rate signal to lower bit rate, or bandwidth, or from digital to voice grade channels.

Network Channel Terminating Equipment (NCTE)

Equipment located on customer premises for the purpose of providing certain transmission enhancements and network maintenance capabilities. For instance, NCTE corrects electrical distortion and static, tests for problems in transmission lines, performs signal amplification, and protects against hazardous power surges.

Network Interface

That point of connection at the customer's premises where premises services are connected to the telecommunications network. The network interface is a standard registration jack or its equivalent. (see *Demarcation Point*)

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/1/ Material now appears on Sheet 16.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)**

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

Network Reconfiguration Service (NRS)<sup>/1/</sup>

A central office-based service which permits customers to remotely reconfigure their dedicated networks without going through normal Company service order procedures.

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Network Reconfiguration Service Hub (NRS Hub)<sup>/1/</sup>

Designated Company serving wire center where NRS is provided. An NRS hub may be collocated with a Company-designated digital hub, but not all digital hubs are designated as NRS hubs. NRS hub locations are specified in the National Exchange Carrier Association Inc. Wire Center Information Tariff (NECA Tariff).

(C)

Other Participating Carrier-Provided Communications Systems

The facilities provided by an other participating carrier to its customer which are capable, when not connected to Digital Link Service, of communications between customer-provided terminal equipment.

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:

- All 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 occupied by the same customer, provided that:

- All of the buildings are located on the same continuous property, which is owned and/or leased by the same customer, and are not separated by a public highway.

Note: A public highway is considered to mean a vehicular thoroughfare which is governmentally owned.

Px64 Standards Compliance

Consultative Committee on International Telephony and Telegraphy (CCITT) established compressed digital video standards compliance that describes the video displays and compression requirements for digital services transmission.

Registered Equipment

Customer premises equipment (CPE) which complies with and has been approved within the Registration Provisions of Part 68 of the FCC's Rules and Regulations.

/3/

/1/ Effective October 30, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers. See Part 20, Section 15. (N)  
/2/ Material formerly appeared on Sheet 15. (N)  
/3/ Material now appears on Sheet 17.



**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)**

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

Secondary Channel Capability

An enhancement that provides additional capacity on MegaLink I Digital Services, for use as a lower speed (secondary) channel through which the customer has the capability of performing functions such as on-line diagnostics, data monitoring, traffic measurements and network configuration management.

/1/  
|  
/1/

Serving Wire Center

The end office from which the customer designated premises would normally obtain dial tone from the Company for Local Exchange Service purposes.

Station

When used in connection with Digital Link Service denotes a point on a customer's or user's premises or a Company-designated hub at which the Digital Link Service is terminated.

SWBT

The Southwestern Bell Telephone Company. Also the Company.

Telecommunications Network

All facilities of the Company that are used to provide its service.

Uniform Service Order Code (USOC)

A three or five character alphabetic, numeric, or an alphanumeric code that identifies a specific item of service or equipment. Uniform Service Order Codes are used in the Company billing system to generate recurring rates and nonrecurring charges.

User

A person, firm, or corporation who is designated by the customer as a "user" of a Digital Link Service furnished to the customer and who may share such service with the customer in accordance with the provisions set forth in paragraph C.2. A user must be specifically named in the customer's application for service.

V and H Coordinates Method

A method for computing airline miles between two points by using an established formula which is based on the vertical (V) and horizontal (H) coordinates of the two points.

Wire Center

A building in which one or more central offices, used for the provision of telephone exchange services, are located.

/1/ Material formerly appeared on Sheet 16.

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**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)**

**F. Connections**

1. General

Terminal equipment, derivation equipment and communications systems may be connected to Digital Link Service provided by the Company when such connection is made under the provisions of paragraph F.2.

All connections as provided for in paragraph F.2 shall be made through equipment furnished by the customer or user. The responsibility of the Company shall be limited to the furnishing of service to that point on the customer's or user's premises where provision is made for the connection of such equipment. The customer or user is responsible for testing its equipment or facilities to insure that when they are connected with Digital Link Service such equipment or facilities are operating properly.

The customer shall be responsible for payment of a Maintenance of Service Charge, for each repair visit by a Company employee to the premises of the customer or user where the service difficulty or trouble report results from the use of equipment or facilities provided by the customer or user.

Maintenance of Service Charge, each visit	\$30.00
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The responsibilities of the customer and the responsibilities of the Company are further set forth in F.4 and F.5, respectively.

2. Connection of Terminal Equipment, Derivation Equipment and Communications Systems

- a. The customer or user, by use of its own derivation equipment, may create digital bit streams from a Digital Link Service and such equipment may be connected at the customer's or user's premises for the transmission of such bit streams to facilities furnished for Private Line Service, Digital Link Service, Local or Long Distance Message Telecommunications Service and Wide Area Telecommunications Service (WATS) furnished under the rates and regulations of Company Guidebooks.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****F. Connections (cont'd)**

## 2. Connection of Terminal Equipment, Derivation Equipment and Communications Systems (cont'd)

## b. Connection to Digital Link Service

1. Connection of terminal equipment and communications systems which do not have the capability to transmit signals with encoded analog content, may be connected to the telecommunications network or to category I or category III private line services via Digital Link Service. All connections to a Digital Link Service are made at the Company-provided network interface and must be made per the following regulations.
2. Terminal equipment may be connected to Digital Link Service through, or in combination with, channel derivation equipment. If the connection provides the capability to transmit signals with encoded analog content via the Digital Link Service to the telecommunications network or to a category I or category III private line service, the terminal equipment must be connected in accordance with the FCC Registration Program. (See Registration Program)

In addition, when voice-band data terminal equipment is used with the channel derivation equipment the voice-band data terminal equipment must comply with Part 68 of the FCC's Rules and Regulations to ensure continued billing integrity.

3. Registration Program - Part 68 of the FCC's Rules and Regulations (Registration Program) includes certain connections to Digital Link Service.
- c. Unless a specific waiver has been granted by the FCC, or except as otherwise provided in paragraph F.2.d 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 a registered communications system utilizing complex wiring, a method of connection, jacks, terminal strips, etc., will be provided by the Company.
  - d. The requirement for the use of standard jacks as described in paragraph F.2.c, preceding, is waived for registered equipment which is located in hazardous or inaccessible locations.

## 3. Accessories

Accessories provided by customers or users may be used in conjunction with Digital Link Service provided that such accessories comply with the provisions of paragraph F.4.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****F. Connections (cont'd)**

4. Responsibility of the Customer
  - a. Where Digital Link Service is available under this guidebook for use in connection with terminal equipment or communications systems provided by a customer or user, the operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by the Company. Such use is subject to the further provisions that the equipment of a customer or user does not endanger the safety of Company employees or the public; or damage, require a change in or the alteration of the equipment or other facilities of the Company; interfere with the proper functioning of such equipment or facilities; impair the operation of Company facilities or otherwise injure the public in its use of Company services. Upon notice from the Company that the equipment provided by a customer or user is causing or is likely to cause such hazard or interference the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
  - b. Where a customer elects to connect a communications system to Digital Link Service the customer shall be responsible for:
    - Compatibility of the connected communications system to Digital Link Service. This includes the replacing of channel service units due to technological changes in the network.
    - Testing, sectionalization and clearance of trouble conditions or service difficulties on any communications system which is connected to Digital Link Service.
  - c. The consent of the customer must be obtained by the user prior to the connection of user provided terminal equipment or communications systems to a Digital Link Service provided to the customer.
5. Responsibility of the Company
  - a. The Company shall not be responsible for installation, operation or maintenance of any terminal equipment or communications systems provided by a customer or user. Digital Link Service is not represented as adapted to the use of such equipment or system and where such equipment or system is connected to Company facilities the responsibility of the Company shall be limited to the furnishing of facilities suitable for Digital Link Service and to the maintenance and operation of such facilities in a manner proper for such digital service. Subject to this responsibility the Company shall not be responsible for (i) the through transmission of signals generated by such equipment or system, or for the quality of, or defects in such transmission or (ii) the reception of signals by such equipment or systems or (iii) damage to terminal equipment or communications systems provided by a customer or user due to testing.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)****F. Connections (cont'd)**

## 5. Responsibility of the Company (cont'd)

- b. The Company shall not be responsible to the customer or user, if changes in any of the facilities, operations or procedures of the Company used in the provision of Digital Link Service render any facilities provided by a customer or user obsolete or require modification or alteration of such equipment or system or otherwise effect its use or performance.
- c. The Company undertakes to maintain and repair during normal working hours the facilities which it furnishes hereunder. The customer or user may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Company without prior written consent of the Company.

## 6. Violation of Regulations

Where any terminal equipment or communications system provided by a customer or user is used with services furnished by the Company and any of the provisions in paragraph F. *Connections* are violated the Company will take such immediate action as necessary for the protection of its facilities, and will promptly notify the customer of the violation. The customer shall take such steps as are necessary to discontinue such use of the equipment or system or correct the violation and shall confirm in writing to the Company within ten days, following the receipt of written notice from the Company, that such use has ceased or that the violation has been corrected. Failure to discontinue such use or to correct the violation and to give the required written confirmation to the Company within the time stated above shall result in suspension of the customer's service until such time as there is compliance with the provisions of this guidebook.

## 7. Connection of Network Channel Terminating Equipment

Effective January 2, 1986, in accordance with the FCC's Memorandum Opinion and Order on CC Docket 81-216, (FCC 85-564), Part 68 of the FCC's Rules and Regulations (Registration Program), was amended to provide for inclusion of 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 FCC and the 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 this terminal equipment is 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 under this interim program may require modification at the owners expense in response to Part 68 of the rules as adopted.
- c. *Registered only equipment* - Any terminal equipment connected to subrate digital services after June 30, 1987 must comply with the FCC's Registration Program. The equipment must also comply with the requirements of Technical Reference Publications 62411 and/or 62310.

**REGULATIONS (FOR DIGITAL LINK SERVICES) (cont'd)**

**G. Reserved**

(C)

(D)

(D)

**H. Educational Percentage Discount Rates (E-Rates)**

The percentage discount rates available pursuant to 47 Code of Federal Regulations part 54, subpart F to eligible schools, libraries, and consortia as defined by 47 Code of Federal Regulations part 54, subpart F shall apply to the guidebook rates contained herein. Schools, libraries, and consortia eligible for E-Rates pursuant to 47 Code of Federal Regulations part 54, subpart F shall comply with the provisions of 47 Code of Federal Regulations part 54, subpart F in order to receive the intrastate E-Rates.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES)**

The regulations described below apply to Analog Private Line services such as Special Signaling Services – Series 100, Subvoice Grade Service – Series 200, Voice Grade Services – Series 300 and 400, Special Bridging Service (Split Bridging Arrangement), Signaling, and Network Reconfiguration Service (NRS)<sup>/1/</sup> (associated with Analog Private Line Services) described in Part 20, Section 15. (C)

**A. Undertaking of the Company**

## 1. Scope

- a. This guidebook section contains the regulations and definitions governing the furnishing of private line services by the Company. The regulations of other local exchange companies (LECs) apply to the portion of private line services which are furnished at "other line" charges.
- b. Private line service is the furnishing of Company facilities for communications between specified locations, within the Local Access and Transport Areas (LATAs) all within the state of Texas, 24 hours daily, seven days per week. Facilities may be those of the Company only, or those of the Company and other LECs.
- c. The Company does not undertake to transmit messages, but offers the use of its facilities where available to customers for such purposes.
- d. Private line service is the provision of Company facilities for communication between specified locations of customers or authorized users.

## 2. Limitations

- a. In case a shortage of facilities exists at any time, either for temporary or protracted periods, the establishment of long distance telecommunications service and/or regular local exchange telephone services shall take precedence over all other services and uses.
- b. Service under this guidebook is subject to the availability of facilities.
- c. The use and restoration of service shall be in accordance with Part 64, Subpart D, Appendix A of the Federal Communications Commission's (FCC) Regulations and those found in *Telecommunications Service Priority System* described in Part 8, Section 5, which specify the priority system for such activities.
- d. Subject to compliance with the above-mentioned rules, where a shortage of channels or equipment exists at any time either for temporary or protracted periods, the establishment of long distance message telecommunications service (LDMTS) shall take precedence over all other services.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

/1/ Effective October 30, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers. See Part 20, Section 15. (N)  
(N)

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

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

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 and facilities furnished, by the Company, are subject to the terms, conditions, and limitations herein specified.
- b. The Company's failure to provide or maintain facilities under this guidebook shall be excused by labor difficulties, governmental orders, civil commotions, acts of God and other circumstances beyond the Company's reasonable control, subject to the interruption allowance provisions of this guidebook.
- c. The Company's liability, if any, for its gross negligence or willful misconduct is not limited by this guidebook. With respect to any other claim or suit, by a customer or any others, for damages arising out of mistakes, omissions, interruptions, delays or errors, or defects in transmission occurring in the course of furnishing service hereunder, the Company's liability, if any, shall not exceed an amount equivalent to the proportionate charge to the customer for the period of service during which such mistake, omission, interruption, delay, error, or defect in transmission or service occurs and continues. This liability shall be in addition to any amounts that may otherwise be due to the customer under this guidebook and/or Part 2, Section 2, paragraph 1.8 (*Service Guarantee*) as an allowance for interruptions. 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 the use of customer-provided facilities or equipment shall not result in the imposition of any liability whatsoever upon the Company. Except as specifically set forth in Part 2, Section 2, paragraph 1.8 (*Service Guarantee*), no other liability shall in any case attach to the Company in consideration of such interruptions. (C)
- d. The customer or authorized user indemnifies and saves the Company harmless against (1) claims for libel, slander or the infringement of copyright arising from the material transmitted over the facilities; (2) claims for the infringement of patents arising from, combining with, or used in connection with, facilities of Company apparatus and systems of the customer or authorized user; and (3) 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. (C)
- e. 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, 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. (C)

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.



**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

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

3. Liability (cont'd)

- f. When the lines of other LECs are used in establishing connection to points not reached by the Company's lines, the Company is not liable for any act or omission of the other LEC.
- g. 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 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. (C)
- h. The Company shall in no way be liable for any harm or any damages arising in connection with any failure by the customer to properly bond or ground a mobile premises or any mobile structure in which service is to be provided (e.g., boats, RVs and mobile homes), as well as equipment and associated wiring located on the customer's side of the demarcation point at any premises, whether fixed or mobile. (C)

4. Provision of Facilities

- a. The Company or the Company and other LECs with which it jointly furnishes service, will provide, maintain and repair all facilities and equipment necessary for private line service, except for those facilities on the customer's side of the demarcation point, and except that the customer or authorized user may provide his own terminal equipment, communications systems or premises wiring for use with such service as specified in paragraph F., following. (C)
  - 1. When a private line service is used for teletypewriter transmission, the teletypewriter equipment will be provided by the customer or authorized user. (C)
  - 2. 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, except that, the Company shall furnish all equipment located on Company premises. Where the customer or authorized user provides his own data sets on a private line, it shall be the responsibility of the customer or authorized user to insure the continuing compatibility of such data sets with the facilities, including data sets, furnished by the Company. (C)
  - 3. The Company has the service responsibility up to the demarcation point on the customer's premises at which the interface appears for the customer-provided equipment. Terms and conditions for the location of demarcation points are in 'Rules and Regulations Applying to All Customers' Contracts' described in Part 2, Section 2.
  - 4. Private line service is offered where existing facilities and operating conditions permit.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****A. Undertaking of the Company (cont'd)**

## 4. Provision of Facilities (cont'd)

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

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

In situations where the customer requests that "standby" 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.

- c. Services used exclusively with customer terminal equipment will be provided for intercommunication between station locations in different buildings on the same premises where facilities exist and conditions permit.<sup>/1/</sup>
- d. Facilities furnished by the Company 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. (C)
- e. When serving office boundary realignments are necessary at the discretion of the Company, those private line services affected by the change will be reconfigured, and this may result in increases or decreases in charges. Any change in the charges billed to a private line customer will become effective when the serving office area transfer is made.
- f. The placement of the demarcation point shall be located in a manner consistent with federal and state regulatory requirements. This location shall be at each customer's premises, unless specified otherwise by the customer or building/landowner, and agreed to by the Company. (C)

/1/ Obsolete -- see Part 15, Section 2.

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**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****A. Undertaking of the Company (cont'd)**

## 4. Provision of Facilities (cont'd)

- g. In addition to the obsolescence restrictions found in Part 15, Section 2, the following is applicable to on-premises private line services:

1. Existing Single Unit Installations - If the existing cable is absent of network channel terminating equipment (NCTE), the demarcation point shall be a point established within twelve inches of the protector, or absent a protector, within twelve inches of the entry point to the customer's premises. The single unit building owner has the right to access, rearrange, attach to or remove the cable up to the newly defined demarcation point.

If the cable has existing circuits with NCTE present, the demarcation points may remain at the existing locations and the customer may continue to add additional service where spare facilities are available. Or the building owner can establish a minimum point of entry (MPOE) and relocate the NCTE. Service charges would apply as found in Part 3, Section 1.

2. Existing Multiunit Installations - The demarcation point is determined per current Company practices. In the case of multiple demarcation points within a multiunit premises, the demarcation point for a customer shall not be further inside his or her unit than a point twelve inches from where the wiring enters his or her premises.
3. New Multiunit Installations - Where wiring is installed after June 9, 1994, the Company will negotiate with the building owner to locate a demarcation point twelve inches within each customer premises unit.

However, for 2. and 3. above, the multiunit property owner has the option of having a single demarcation point for all customers or separate demarcation points for each customer. The owner can determine where the demarcation point(s) shall be located provided that such demarcation points for each customer premises unit shall not be further inside the customer's premises than twelve inches from where the wiring enters the customer's unit. If a single demarcation point is established, all current on-premises private line services beyond that newly established demarcation point will be discontinued.

- h. Any changes in charges for private line services that are affected by the relocation of the demarcation point will be effective on the scheduled date of the relocation of the demarcation point, regardless of the actual date of the relocation of the demarcation point.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****A. Undertaking of the Company (cont'd)**

## 5. Protective Equipment

- a. When a hazardous electrical environment is present at customer or authorized user premises, protective equipment is required to protect all facilities 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 provide the protective equipment subject to Company specifications. The protective equipment may also be provided in accordance with A.7. (C)
- b. Neutralizing transformers, isolating transformers, drainage coils and other special protective equipment for use in providing service to customer or authorized user premises where there are high ground potentials, even though not required by A.5.a, above, may be provided by the customer or in accordance with A.7. (C)

## 6. Application for Private Line Service

- a. Any applicant for private line service may be required to sign an application requesting the Company to furnish the service in accordance with rates, charges, regulations as specified in this guidebook.
- b. The Company reserves the right to refuse service to any applicant who is found to be indebted to the Company for private line service previously furnished until satisfactory arrangements have been made for the payment of such indebtedness.

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

- c. If private line service is established and it is subsequently determined that either condition in A.6.b, preceding, exists, the Company may suspend or disconnect such service on five days written notice until satisfactory arrangements have been made for the payment of the prior indebtedness.

## 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. (C)

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****B. Use**

A private line service may be used for one or more of the purposes specified in B.1, following. 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, following. (C)

## 1. Authorized Use

a. Authorized users may use private line services for one or more of the following:

1. For the transmissions of communications to or from the customer and relating directly to the customer's business.
2. For the transmission (to all stations simultaneously) of communications which relate directly to matters of common interest to the customer and the authorized users when those connected to the service are all in the same general line of business. (C)
3. For the transmission of communications relating directly to the business of a subsidiary corporation over which the customer or authorized user exercises control through the ownership of more than 50% of the voting stock. (C)
4. For the transmission of communications to or from any stations 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.
5. 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.
6. 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.
7. 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 (FCC) to operate stations in the aeronautical mobile and fixed services.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

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

(D)

(D)

- 2. An arrangement between the customer and authorized users to share the cost of a private line service 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 patrons of the Composite Data Service Vendor. (C)

3. 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.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****C. Obligations of the Customer**

## 1. Customer Responsibilities

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

- establishing his identify in the course of any communication as often as may be necessary;
- establishing the identity of the person or persons with whom connection is made at the called station;
- 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; (C)
- reimbursing the Company for any loss through theft of the equipment or apparatus on the customer's or authorized user's premises; (C)
- 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; (C)
- furnishing and maintaining poles and/or underground facilities on private property. The customer is also responsible for the provision of space, supporting structures and on premised conduit for Company equipment located on the premises of the customer or authorized user; (C)  
(C)
- 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;
- obtaining permission for Company agents or employees to enter the premises of any authorized user at any reasonable hour for the purpose of installing, inspecting, repairing or removing the facilities of the Company; and (C)
- making Company facilities available periodically 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. (C)
- bonding and/or grounding a mobile premises or any mobile structure in which service is to be provided or used (e.g., boats, RVs and mobile homes), as well as any equipment and associated wiring on the customer's side of the demarcation point at any premises, whether fixed or mobile.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****C. Obligations of the Customer (cont'd)**

## 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 except as otherwise authorized in the Company's guidebooks. (C)

## 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 subject to applicable nonrecurring charges as specified in this guidebook.

## 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. Reserved for Future Use

## 2. Cancellation for Cause

Service may be discontinued for nonpayment of any sum due the Company, or upon illegal use of any service, or upon a violation of any of the conditions governing the furnishing of a service. The due date of the bill shall not be less than 16 days after issuance. If the bill is not paid by the due date, the Company may discontinue service after ten days written notice to the customer under 23.45(a) and 23.46(a) of the Commission's Substantive Rules.

## 3. Minimum and Fractional Rates and Charges

- a. The minimum service period is one month except for special construction which may necessitate a longer contract period, or as otherwise provided in this guidebook.
- b. If the period of use exceeds the minimum period, the charges for any fractional part of a month following the minimum period 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.



**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****D. Payment Arrangements and Credit Allowances (cont'd)**

## 4. Special Construction

- a. Rates and charges for special construction will be provided as set forth in Section 14 of the Access Service Tariff. Special construction rates and charges are in addition to rates and charges for private line service in this guidebook.
- b. Special construction is that construction undertaken:
  1. where facilities are not presently available, there is no other requirement for the facilities so constructed, and the nonrecoverable investment associated with construction exceeds \$25,000.
  2. of a type other than that which the Company would normally use in the furnishing of its services.
  3. over a route other than that which the Company would normally use in the furnishing of its services.
  4. in 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. on an expedited basis.
- c. A request for charges for special construction as provided in D.4.b.2. and 3. above, 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.
- d. Where special construction has been started prior to cancellation, and there is no other requirement for the specially constructed facilities, a charge equal to the costs incurred in the special construction, less net salvage, applies; except that where one or more, but not all, of the services involved in the special construction are canceled, a charge equal to the cost, less net salvage, incurred for the discontinued services applies instead. Net salvage is determined based on the value of reusable material, less cost of removal. In determining the charge, each canceled service is treated as discontinued as of the date on which it was to have been placed in service.

Special construction of facilities for a customer is considered to have started when the Company incurs any expense which would not otherwise have been incurred; provided, (1) the customer has advised the Company to proceed with the installation, or (2) the Company has advised the customer that under his order it is commencing the installation.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****D. Payment Arrangements and Credit Allowances (cont'd)**

## 4. Special Construction (cont'd)

- e. The Company will provide one primary demarcation point for services provided through Company network facilities at no cost to the subscriber. Any secondary or additional demarcation point(s) requested by the customer will be provided as specified in Part 2, Section 5 (*Construction Charges*). The costs of providing these secondary or additional demarcation points include all labor and materials including cabling. Additions or reinforcements of existing facilities to secondary demarcation points will only be provided upon customer request and billed as specified in Part 2, Section 5 (*Construction Charges*).

## 5. Change in Service Arrangement

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

## 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.

## 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. (C)  
(C)

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**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****D. Payment Arrangements and Credit Allowances (cont'd)**

## 8. Allowances for Interruptions

In the event a customer's service is interrupted other than by the negligence or willful act of the customer, and it remains out of order for eight normal working hours or longer after access to the premises is made available and after being reported to be out of order, appropriate adjustments or refunds shall be made to the customer. The amount of adjustment or refund shall be determined on the basis of the known period of interruption, generally beginning from the time the service interruption is first reported. The refund to the customer shall be the pro rata part of the month's flat-rate charges for the period of days and that portion of the service facilities rendered useless or inoperative. The refund may be accomplished by a credit on a subsequent bill for telephone service.

## a. Virtual Collocation

An interruption period begins when an inoperative condition of a virtual collocation arrangement is reported to the Company's designated contact point and ends when the virtual collocation arrangement is operative. No allowance for an interruption period will be provided for virtual collocation where the interruption is due to the actions or negligence of the interconnector or to an inoperative condition on Company-provided private line service.

When a credit allowance does apply, such credit will be determined based on the rates applicable to the specific item(s) causing the interruption; however, the credit allowance for an interruption or for a series of interruptions shall not exceed the applicable monthly rate for the item(s) involved.

For calculating credit allowances, every month is considered to have 30 days. No credit shall be allowed for an interruption of less than 30 minutes. The interconnector shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly rate.

When a third party vendor maintains and repairs an interconnector's designated termination equipment, a credit allowance will not apply to any interruption of the items maintained and repaired by the third party vendor.

Expanded interconnection is offered under protest. It's availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

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

9. Cancellation of Application for Service

Where installation of facilities other than those provided by special construction has been started prior to the cancellation, the charge specified in D.9.a or D.9.b following, whichever is lower, applies.

- a. A charge equal to the estimated costs incurred in such installation, less estimated net salvage.
- b. The charge for the minimum period of the service ordered by the customer as provided in this 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.

10. Reserved for Future Use

11. Telecommunications Service Priority System

Telecommunications Service Priority System is available for Private Line Services under the regulations and rates specified in 'Telecommunications Service Priority System' described in Part 8, Section 5.

12. Reserved

(C)

(D)

(D)

13. Educational Percentage Discount Rate (E-Rate)

The percentage discount rates available pursuant to 47 Code of Federal Regulations part 54, subpart F to eligible schools libraries, and consortia as defined by 47 Code of Federal Regulations part 54, subpart F shall apply to the guidebook rates contained herein. Schools, libraries, and consortia eligible for E-Rates pursuant to 47 Code of Federal Regulations part 54, subpart F shall comply with the provisions of 47 Code of Federal Regulations part 54, subpart F in order to receive the intrastate E-Rates.

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**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions**

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

**Access Line**

In connection with special bridging service, that dedicated channel or channels connecting the master station, remote station, or connecting station to a special bridge.

**Accessories**

Denotes devices which are mechanically attached to, or used with, the facilities furnished by the Company and which are independent of, and not electrically, acoustically, or inductively connected, to the conductors in the communications path of Company facilities.

**Authorized Protective Connecting Module**

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

**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 business. An authorized user must be specifically named in the application for service and a station must be located on his premises.

**Base Rate Area**

The portion of the exchange area in which exchange service is furnished at schedule rates for each class of service without mileage or construction charges.

**Basic Transmission Equipment**

Denotes, for virtual collocation, central office circuit equipment that provides functionality requested by an interconnector and also provides technical compatibility with an interconnector's equipment or support systems located on the interconnector's side of the demarcation point. Basic transmission equipment does not include enhanced services equipment, customer premises equipment or switches.

**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.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

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**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Building

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

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 serving 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.

Communications Systems

Denotes channels and other facilities which are capable, when not connected to private line services, of two-way communications between customer-provided terminal equipment.

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 Company to perform data switching for others.

Composite Data Service Vendor

A customer that has been certificated by the proper state or municipal regulatory body, and/or the FCC pursuant to Section 214 of the Communications Act of 1934, as amended, to acquire and operate facilities 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 used for the provision of composite data service.

Conformance Number

Denotes an identifying number assigned by the Company to a particular model of conforming answering device incorporating an authorized protective connecting module when that model of device is in conformance with the provisions set forth by the Company in its Technical Reference for conforming answering devices.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Conforming Answering Device

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

Connecting Arrangement

Denotes the equipment provided by the Company to accomplish the direct electrical connection of customer-provided facilities with the facilities of the Company, or the direct electrical connection of Company facilities.

Connecting Company

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

Contract

The service agreement between a customer and the Company under which facilities for communication 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. (C)

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.

Customer

The person, firm or corporation who orders service and is responsible for the payment of charges and the compliance with the regulations of the Company. A customer must have a communications requirement of his own for each private line telephone service.

Customer-Provided Terminal Equipment

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

Customer-Provided Test Equipment

Denotes test equipment located at the premises of the customer that is used by the customer for the detection and/or isolation of a communications service fault.

Data Access Arrangement

Denotes a protective connecting arrangement for use with the network control signaling unit, or, in lieu of the connecting arrangement, an arrangement to identify a central office line and protective facilities and procedures to determine compliance with criteria set forth in this guidebook.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Demarcation Point

The point of demarcation and/or interconnection between Company communications facilities and terminal equipment, protective apparatus or wiring at a subscriber's premises. Company-installed facilities at, or constituting, the demarcation point shall consist of wire or a jack conforming to Subpart F of Part 68 of the Commission's rules. The Company will provide one primary demarcation point for services provided through Company network facilities at no cost to the subscriber. Any secondary or additional demarcation point(s) requested by the customer will be provided as specified in Part 2, Section 5 (*Construction Charges*). The costs of providing these secondary or additional demarcation points include all labor and materials including cabling. Additions or reinforcements of existing facilities to secondary demarcation points will only be provided upon customer request and billed as specified in Part 2, Section 5 (*Construction Charges*). "Premises" as used herein generally means a dwelling unit, other building or a legal unit of real property such as a lot on which a dwelling unit is located, as determined by the Company's reasonable and nondiscriminatory standard operating practices. The "minimum point of entry" (MPOE) as used herein shall be either (1) the closest practicable point to where the wiring crosses a property line or (2) the closest practicable point to where the wiring enters a multiunit building or buildings. The Company's reasonable and nondiscriminatory standard operating practices shall determine which of (1) or (2) shall apply. The Company is not precluded from establishing reasonable classifications of multiunit premises for purposes of determining which of (1) or (2) above shall apply. Multiunit premises include, but are not limited to, residential, commercial, shopping center and campus situations.

*Single Unit Installations.* For single unit installations existing as of June 9, 1994 and installations installed after that date the demarcation point shall be a point within twelve inches of the protector or, where there is no protector, within twelve inches of where the telephone wire enters the customer's premises.

Multiunit Installations

1. In multiunit premises existing as of June 9, 1994, the demarcation point shall be determined in accordance with the Company's reasonable and nondiscriminatory standard operating practices. Provided, however, that where there are multiple demarcation points within the multiunit premises, a demarcation point for a customer shall not be further inside the customer's premises than a point twelve inches from where the wiring enters the customer's premises.
2. In multiunit premises in which wiring is installed after June 9, 1994, the multiunit premises owner shall determine the location of the demarcation point or points. The multiunit premises owner shall determine whether there shall be a single demarcation point location for all customers or separate such locations for each customer. Provided, however, that where there are multiple demarcation points within the multiunit premises, a demarcation point for a customer shall not be further inside the customer's premises than a point twelve inches from where the wiring enters the customer's premises.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.



**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Demarcation Point (cont'd)

At this time, the Company has elected not to establish a practice of placing the demarcation point at the MPOE for multiunit premises. However, at the customer's request, the Company will place the demarcation point at the MPOE in existing installations, and as appropriate, in new installations. The Company will relocate multiple demarcation points to a single demarcation point at an MPOE in a manner that minimizes any resultant charges or other adverse impact to either building owners or customers.

If conforming to the twelve inch limitation is unrealistic or technically impossible, the demarcation point will be the most practicable MPOE.

For Expanded Interconnection provided as virtual collocation, the demarcation point denotes the virtual network interface between the Company and the interconnector. The virtual network interface is the location at which Company ownership and responsibility for maintenance of the entrance cable begins. This location is normally a point in the public right-of-way near the Company's entrance manhole. The demarcation point is specified by the Company.

Direct Electrical Connection

Denotes a physical connection of the electrical conductors in the communications path.

Distance Learning

Instruction, learning, and training that is transmitted from one site to one or more sites by telecommunications services that are used predominantly for such instruction, learning, or training, including video, data, voice, and electronic information.

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 the network.

Duplex Service

Denotes service which permits customers and authorized users to communicate in both directions simultaneously. (C)

Educational Institution

Accredited primary or secondary schools owned or operated by state and local government entities or by private entities; institutions of higher education as defined by the Education Code, §61.003(13); the Central Education Agency, its successors and assigns; regional education service centers established and operated pursuant to the Education Code, §11.32 and §11.33; and the Texas Higher Education Coordinating Board, its successors and assigns.

Entrance Cable

Denotes a single mode dielectric fiber optic cabling arrangement that consists of a fiber optic cable from the Expanded Interconnection virtual network interface, the riser tail to which the fiber optic cable is spliced and the termination of the riser tail onto a fiber termination shelf within the Company's wire center.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Entrance Facilities

Denotes the facilities required to extend customer-provided channels to a service point of the customer or authorized user.

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.

Exchange

Denotes a unit established by the 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 communication service within that area.

Exchange Area

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

Expanded Interconnection

Denotes an arrangement that provides an interconnector with the ability to interconnect its fiber optic facilities with certain Company-provided intrastate private line services.

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

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.

Grandfathered Communications Systems

Denotes communications systems (including their equipment, premises wiring and protective circuitry, if any) connected at the customer's or authorized user's premises, under any Company guidebook, and that are considered to be grandfathered under Part 68 of the FCC's Regulations because, (a) such systems were connected to the telecommunications network or to private line services specified in F.2.b, following, prior to January 1, 1980, and were of a type of system which was directly connected (i.e., without Company-provided connecting arrangements) to the telecommunications network or to private line services specified in F.2.b, following, as of June 1, 1978, or (b) such systems are connected to the private line services specified in F.2.c or F.2.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 private line services specified in F.2.c or F.2.d, following, as of April 30, 1980. (C)

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Grandfathered Connections of Communications Systems

Denotes connections via Company-provided connecting arrangements of customer-provided communications systems (including their equipment and premises wiring) at the customer's or authorized user's premises, under any Company guidebook, and that are considered to be grandfathered under Part 68 of the FCC's Regulations because, (a) such connections to be telecommunications network or to private line services specified in F.2.b, following, were made via Company-provided connecting arrangements prior to January 1, 1980, and such connecting arrangements are of a type of connecting arrangement connected to the telecommunications network or to private line services specified in F.2.b, following, as of June 1, 1978, or (b) such connections to private line services specified in F.2.c or F.2.d, following, are made via Company-provided connecting arrangements prior to May 1, 1983, and such connecting arrangements are of a type of connecting arrangement connected to private line services specified in F.2.c or F.2.d, following, as of April 30, 1980. (C)

Grandfathered Terminal Equipment

Denotes terminal equipment (including protective circuitry, if any) connected at the customer's or authorized user's premises, under any Company guidebook, and that is considered to be grandfathered under Part 68 of the FCC's Regulations because, (a) such terminal equipment was connected to the telecommunications network or to private line services specified in F.2.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 telephone communications network or to private line services specified in F.2.b, following, as of October 17, 1977, or (b) such terminal equipment is connected to private line services specified in F.2.c or F.2.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 private line services specified in F.2.c or F.2.d, following, as of April 30, 1980. (C)

Grandfathered Connections of Terminal Equipment

Denotes connections via Company-provided connecting arrangements of customer-provided terminal equipment connected at the customer's or authorized user's premises, under any Company guidebook, and that are considered to be grandfathered under Part 68 of the FCC's Regulations because, (a) such connections to the telecommunications network or to private line services specified in F.2.b, following, were made via Company-provided connecting arrangements prior to July 1, 1979, and such connecting arrangements are of a type of connecting arrangement connected to the telecommunications network or to private line services specified in F.2.b, following, as of October 17, 1977, or (b) such connection to private line services in F.2.c or F.2.d, following, are made via Company-provided connecting arrangements prior to May 1, 1983, and such connecting arrangements are of a type of connecting arrangement connected to private line services specified in F.2.c or F.2.d, following, as of April 30, 1980. (C)

Half-Duplex Service

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

Inside Wire and Cable

Those facilities furnished in connection with private line services from the building main or floor terminal, frame, or protector to the station equipment on the customer's premises.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Interactive Multimedia Communications

Real-time, two way, interactive voice, video, and data communications conducted over networks that link geographically dispersed locations. This definition includes interactive communications within or between buildings on the same campus.

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.

Interconnector

Denotes any individual, partnership, association, joint-stock company, trust, corporation or other entity that uses expanded interconnection for the purpose of connecting its services to Company-provided private line services.

Interexchange IntraLATA Channel

That portion of a private line service which interconnects two primary serving offices in different exchanges or metropolitan exchanges within the LATA.

Interexchange IntraLATA Service

A private line service where the demarcation points located on customer premises are in different exchanges or metropolitan exchanges, within the LATA.

Interface

Denotes that point on the premises of the customer or authorized user at which provision is made for connection of other than Company-provided facilities to facilities provided by the Company. (see *Demarcation Point*) (C)

Interoffice Channel

That portion of a private line service which interconnects, (1) local channels in different serving offices associated with intraexchange service; or, (2) interexchange channels.

Intraexchange Service

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

IntraLATA Service

private line service where the demarcation points located on customer's premises are all within the same LATA.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**(D)  
|  
(D)LATA

Local access and transport area (LATA) denotes a geographic area established for the administration of telecommunications service. It encompasses designated local operating Company exchanges which are grouped to serve common social, economic and miscellaneous purposes.

Library

Public library or regional library system as defined by Government Code, §441.122, or a library operated by an institution of higher education or a school district.

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 office area, via another local channel to the station on a different premises.

Manhole

Denotes an enclosure that provides access to subterranean Company facilities. Manholes are normally completely below ground or pavement and are accessed via a chimney or neck with a covered top. This term shall also include handholes, which also provide physical access to subterranean Company facilities, but which are smaller than manholes and are recessed into the ground or pavement.

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.

Minimum Point of Entry (MPOE)

For demarcation purposes, the MPOE denotes a location on or within a subscriber's premises that does not exceed twelve inches from the protector, or where there is no protector, within twelve inches of where the telephone wire enters the customer's premises. In new multiunit installations, the MPOE may be either (1) the closest practicable point to where the wiring crosses a property line, or (2) the closest practicable point to where the wiring enters a building or buildings.

Move

When used in connection with the application of move service charges for private line service, denotes a change in the physical location on the same premises, when made at the request of the customer or authorized user, without discontinuance of service, of facilities and items of equipment provided by the Company.

(C)

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Multiline Terminating System Area

Denotes a premises or multi-premises within the same building or continuous property in resold or shared use arrangements for customer premises key equipment or customer premises switching equipment.

Multipoint Service

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

Multiunit Installation

For demarcation purposes, denotes a facility arrangement configured for either more than one customer in a building or more than one premises on a legal unit of property. Multiunit installations include (but are not limited to):

- Multifamily residential apartments, condominiums, townhouses, or duplexes;
- Multitenant commercial, shopping center and campus situations; and
- Any other facility arrangement not classified as single unit.

Network Control Signaling

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

Network Control Signaling Unit

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

Network Interface

See *Demarcation Point*

Nonpowered-Conferencing Equipment

Denotes a portable plug-ended device, without active elements, consisting of a multi-winding transformer and manual line switches designed to bridge two or more, but not to exceed five, of the lines appearing on 4-button and 6-button key telephone instruments equipped with both hold and illumination features.

Other Line Charge

The charge applied by another LEC 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 service which it furnishes is the through charge for the entire interexchange service furnished jointly by the Company and the connecting LEC.

Other Telephone Company

See *Connecting Company*

Point of Termination

See *Demarcation Point*

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Premises

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

- The portions are not separated from each other by intervening offices, rooms or suites not occupied by the customer.
- The portions of different floors are contiguous and that the portion on the upper floor is directly above the portion occupied on the lower floor.

All of the buildings occupied by the same customer, provided that:

- All of the buildings are located on the same continuous property, which is owned and/or leased by the same customer, and are not separated by a public highway.

Note: A public highway is considered to mean a vehicular thoroughfare which is governmentally-owned.

Premises Wiring

Wiring on the customer's side of the demarcation point provided for use with service components furnished by the Company for private line service.

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.

*Category "A"* primary serving offices when used in connection with Series 300 and 400 channels denotes primary serving offices designated on the basis of interexchange channel facility characteristics. Category "A" primary service offices are listed in G.2.i and G.2.j.

*Category "B"* primary serving offices when used in connection with Series 300 and 400 channels denotes primary serving offices other than Category "A" serving office.

Private Line Service

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

(C)

Registered

Denotes equipment which complies with and has been approved within the Registration provisions of Part 68 of the FCC's Regulations.

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.

Riser Tail

Denotes a cable that terminates on a fiber termination shelf and has flammability and smoke characteristics which allow it to be routed in a central office area without being enclosed in a conduit.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Served Direct Service

Those facilities provided for specified two-point intraexchange channels between different buildings on different premises which do not route through a serving office.

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. (C)

When used in connection with customer systems, denotes the demarcation point on the customer or authorized user's premises where private line services provided by the Company to the customer or authorized user are terminated for communications with stations or customer-provided terminal equipment located on the premises. 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. (C)  
(C)

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:

- By a single unit serving office with one telephone number prefix.
- By a multiple unit serving office with multiple telephone number prefixes.
- By a theoretical serving office with switching equipment located in another exchange or serving office area.

Single Unit Installation

For demarcation purposes, denotes a facility arrangement configured to accommodate a single customer. All other facility arrangements are classified as multiunit installations. Single unit installations include (but are not limited to):

- Single family dwellings;
- Single business premises; and
- Other single customer installations on one property, undivided by public thoroughfares (e.g., educational, industrial, government or medical premises).

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.



**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****E. Definitions (cont'd)**Station

Denotes a demarcation point on a premises at which a private line service is terminated where the service at that premises involves only channels furnished by the Company and the transmitting or receiving equipment, or combination transmitting and receiving equipment, is furnished by the customer or authorized user. (C)

Station Port

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

Studio

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

Telecommunication Service Priority System (TSP)

The TSP System is a service developed to meet the requirements of the Federal Government for the priority installation and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services.

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 provided by the Company. (C)

Virtual Collocation

Denotes a type of Expanded Interconnection that provides a transmission path between an interconnector's facilities and certain Company-provided intrastate private line services. Virtual collocation includes central office basic transmission equipment designated by the interconnector and dedicated to its exclusive use but which is owned, installed and maintained by the Company. The Company maintains exclusive physical control of all equipment placed on its premises; however, the interconnector must perform remote monitoring and control functions on its designated equipment.

Zone

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

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems**

## 1. General Provisions

## a. General

1. Terminal equipment, communications systems and premises cable and wire on the customer's side of the demarcation point may be connected at the customer's premises to private line services furnished by the Company where such connections are made under the provisions of A.4, preceding, and this paragraph F.
2. The term "Telecommunications Services" when used in this paragraph F., denotes exchange service, long distance message telecommunications service (LDMTS) and wide area telecommunications service (WATS).

## b. Responsibility of the Customer

1. The customer shall be responsible for the installation, operation and maintenance of any customer or authorized user, or other common carrier-provided terminal equipment, communications systems or premises cable and wire on the customer's side of the demarcation point. No combination of customer-provided terminal equipment, communications systems or premises cable and wire on the customer's side of the demarcation point shall require change in or alteration of the equipment or services of the Company, cause electrical hazards to Company personnel, damage to Company equipment, malfunction of Company billing equipment, or degradation of service to persons other than the user of the subject terminal equipment or communications system, his calling or called party. Upon notice from the Company that customer-provided terminal equipment, communications systems or premises cable and wire on the customer's side of the demarcation point is causing such hazards, damage, malfunction or degradation of service, the customer or authorized user shall make such change as shall be necessary to remove or prevent such hazard, damage, malfunction or degradation of service. (C)
2. When the customer or authorized user provides his own data set on a given Company - provided private line, it shall be the responsibility of the customer to ensure the continuing compatibility of such data set with the private line service furnished by the Company. (C)
3. Maintenance of Service
  - (a) If trouble occurs with a customer's service, the customer should first determine whether the trouble is in the customer's own equipment and/or facilities. If the customer determines the trouble is in Company equipment and/or facilities, the customer should issue a trouble report to the Company.
  - (b) When a customer issues a trouble report to the Company for clearance and no trouble is found in Company equipment and/or facilities, the customer shall be responsible for payment of a Maintenance of Service Charge for the period of time when Company personnel are dispatched. No charge will apply if Company personnel fail to find trouble in Company equipment and/or facilities and the trouble is actually in the equipment and/or facilities, but not discovered on the initial dispatch.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**F. Connections of Terminal Equipment and Communications Systems (cont'd)**

1. General Provisions (cont'd)

b. Responsibility of the Customer (cont'd)

3. Maintenance of Service (cont'd)

(c) The customer shall be responsible for payment of a Maintenance of Service Charge when the Company dispatches personnel, and the trouble is in equipment or communications systems provided by other than the Company or in detariffed CPE provided by the Company unless covered under a separate maintenance agreement.

(d) If the customer issues a trouble report allowing the Company access to the customer's or the customer's end user(s) premises and Company personnel are dispatched but denied access to the premises, then the Maintenance of Service Charge will apply for the period of time that Company personnel are dispatched. Subsequently, if Company personnel are allowed access to the premises, provisions in (b) and (c) preceding will apply.

(e) In either (a), (b) or (c) preceding, the Maintenance of Service Charge shall include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.

(f) Maintenance of Service Charges apply on a first and additional basis for each half hour or fraction thereof. If more than one technician is dispatched in conjunction with the same trouble report, the total time for all technicians dispatched will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof" and "Each Additional Half Hour or Fraction Thereof" rate categories.

A call-out of a Company employee at a time not consecutive with the Company Business Day is subject to Overtime and/or Premium Time.

(g) No credit allowance will be applicable for the interruption involved if the Maintenance of Service charge applies.

(h) Maintenance of Service Charge

<u>Maintenance of Service Periods</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time	\$82.00	\$50.35
Overtime	96.00	64.25
Premium Time	109.90	78.15

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**F. Connections of Terminal Equipment and Communications Systems (cont'd)**

1. General Provisions (cont'd)

b. Responsibility of the Customer (cont'd)

4. The customer who provides the premises wiring of communications systems subject to Part 68 of the FCC's Regulations under Section 68.215 of Chapter 1 of Title 47 of that Code of Federal Regulations shall be responsible for the payment of an institutional program for premises wiring charge as provided below for activities performed by Company employees at the customer's premises under subsections (f), (g) and/or (h) of said Section 68.215, when the premises wiring in question has failed acceptance tests monitored by, or participated in by, the Company under Section 68.215, and/or has been revealed to be not in conformance with the information provided in the related affidavit which was provided pursuant to Section 68.215, and/or has resulted in harm to the network.

The institutional program for premises wiring charge provided for above is comprised of the first, or a combination of both rate elements described below, as appropriate:

*Element 1* - for the first fifteen minutes, or fraction thereof, of total time spent by Company employees in related monitoring or participation in acceptance tests and/or in related inspection of customer-provided premises wiring for communications systems subject to Part 68 of the FCC's Regulations, and for administrative expenses including the visit to the customer's premises.

*Element 2* - for each additional fifteen minutes, or major fraction thereof, of total time spent by Company employees in performing the related customer-provided premises activities described in Element 1, preceding.

<u>IPPW Charge</u>	<u>Nonrecurring</u>	<u>USOC</u>
Element 1	\$35.80	EPC1E
Element 2	10.25	EPCAE

5. The consent of the customer must be obtained by the authorized user prior to the connection of authorized user provided terminal equipment or communications systems to a private line service provided to the customer. (C)  
(C)

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 1. General Provisions (cont'd)

## c. Responsibility of the Company

1. Private line services are not represented as adapted to the use of customer or authorized user, or other common carrier-provided terminal equipment, communications systems or premises cable and wire on the customer's side of the demarcation point. Where such terminal equipment, communications systems or premises cable and wire on the customer's side of the demarcation point are used with private line services, the responsibility of the Company shall be limited to the furnishing of service components suitable for private line services and to the maintenance and operation of service components in a manner proper for such services up to, and including the demarcation point. Subject to this responsibility the Company shall not be responsible for (a) the through-transmission of signals generated by the customer-provided terminal equipment or communications systems or for the quality of, or defects in, such transmission, or (b) the reception of signals by customer-provided terminal equipment or communications systems, or (c) address signaling where such signaling is performed by customer-provided signaling equipment. (C)
2. The Company will, at the customer's request, provide information concerning interface parameters, including the number of ringers which may be connected to a particular line, needed to permit customer-provided terminal equipment to operate in a manner compatible with the telecommunications network.
3. The Company may make changes in its telecommunications network, equipment, operations or procedures, where such action is not inconsistent with Part 68 of the FCC's Regulations. If such changes can be reasonably expected to render any customer's terminal equipment, communications systems or premises cable and wire on the customer's side of the demarcation point incompatible with the telecommunications network, or require modification or alteration of such customer-provided terminal equipment, communications systems or premises cable and wire on the customer's side of the demarcation point, or otherwise materially affect its use or performance, the customer or authorized user, or other common carrier will be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service. (C)

## d. Recording of Two-Way Telephone Conversations

Private line services are not represented as adapted to the recording of two-way telephone conversations. When customer-provided voice recording equipment is used with a private line service which is connected to telecommunications services, the provisions relating to Recording of Two-Way Telephone Conversations, as set forth in Part 2, Section 9, are applicable to such private line service.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 1. General Provisions (cont'd)

## e. Violation of Regulations

When any customer or authorized user, or other common carrier-provided terminal equipment, (C) communications systems or premises cable and wire on the customer's side of the demarcation point is used with private line services in violation of any of the provisions in this paragraph F., the Company will take such immediate action as necessary for the protection of the telecommunications network and Company employees, and will promptly notify the customer or authorized user, or other common carrier of the violation. The customer shall take (C) such steps as are necessary to discontinue such use of the terminal equipment, communications systems or premises cable and wire on the customer's side of the demarcation point or correct the violation and shall confirm in writing to the Company within ten days, following the receipt of written notice from the Company, that such use has ceased or that the violation has been corrected. Failure to discontinue such use or to correct the violation and to give the required written confirmation to the Company within the time stated above shall result in suspension of the customer's service until such time as there is compliance with the provisions of this guidebook.

## f. Connection 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 in F.4.f.

## 2. Connections of Registered Equipment

a. Registered terminal equipment, protective circuitry and communications systems may be connected on the customer's side of the demarcation point to private line services specified in F.2.b, F.2.c or F.2.d, following, subject to F.1, preceding, and this paragraph F.2 and Part 2, Section 9, **CONNECTIONS OF REGISTERED EQUIPMENT**.

b. The connection may be made only at the premises of the customer or authorized user to (C) Series 300 or 400 private line service that present a two-wire loop signaling interface for such (C) connection under the following conditions:

1. Registered terminal equipment, protective circuitry, and 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. A foreign exchange channel may be used with customer-provided registered terminal equipment, registered protective circuitry and registered communications systems which are connected to the exchange telephone service associated with such channels.

(D)

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 2. Connections of Registered Equipment (cont'd)

- 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 Series 300 or 400 private line service that presents an interface for 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. (C)
- d. The connection of customer-provided registered terminal equipment and registered PBX systems may be made only at the premises of the customer or authorized user to a Series 100, 300 or 400 private line service furnished to provide indications of message registration of outgoing calls or automatic identification of outward dialing (AIOD) to such customer-provided equipment or systems. (C)

In addition, customer's who intend to install, make additions to, or make rearrangements of AIOD functions shall give advance notice to the Company under the procedures specified in Part 68 of the FCC's Regulations or as otherwise authorized by the FCC.

- e. Unless a specific waiver has been granted by the FCC, or except as otherwise provided in F.2.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 F.2.e preceding is waived for registered equipment which is located in hazardous or inaccessible locations.
3. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems
- a. Direct Connections

1. Grandfathered terminal equipment and grandfathered communications systems directly connected to private line services specified in F.2.b, preceding, are subject to Part 2, Section 9, **CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS**, paragraphs A., D. and E. Such connections are subject to the minimum protection criteria set forth in F.4.f, following.
2. Grandfathered terminal equipment and grandfathered communications systems, directly connected to the private line services specified in F.2.c and F.2.d, preceding, on April 30, 1980, may remain connected for the life of the equipment without registration, and may be modified only under Part 68 of the FCC's Regulations, subject to the following:
- (a) All such connections shall comply with the minimum protection criteria set forth in F.4.f, following.
- (b) No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

3. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (cont'd)
  - a. Direct Connections (cont'd)
    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.2.c or F.2.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 F.4.f, following.
      - (d) Premises wiring associated with communications systems shall conform to Part 68 of the FCC's Regulations.
      - (e) No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.
    4. Additions to grandfathered terminal equipment or grandfathered communications systems specified in F.3.a.2 or F.3.a.3, preceding, may be made, subject to F.3.a.3.(a) through F.3.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.
      - (b) After May 1, 1983, where the equipment being added is grandfathered.
      - (c) Additions of registered equipment are subject to F.2, preceding.
    5. Systems connected pursuant to F.3.a.2 through F.3.a.4, preceding, may remain connected and be moved and reconnected, under F.3.a.3.(a) through F.3.a.3.(e), preceding, for the life of the equipment and may be modified only under Part 68 of the FCC's Regulations.
    6. Customer-provided terminal equipment and customer-provided communications systems connected via customer-provided grandfathered protective circuitry are subject to the provisions of F.3.a.1 through F.3.a.5, preceding.



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**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

3. 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 private line services specified in F.2.b, preceding, are subject to Part 2, Section 9, **CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS**, paragraph B. Such connections are subject to the minimum protection criteria set forth in F.4.f, following.
    2. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in F.2.c and F.2.d, preceding, are subject to the following:
      - (a) Until May 1, 1983, the Company will provide connecting arrangements for installations of new customer-provided terminal equipment or communications systems that are subject to Part 68 of the FCC's 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.2.c or F.2.d, preceding, through connecting arrangements prior to May 1, 1983.
      - (b) Grandfathered connections of terminal equipment and grandfathered connections of communications systems made under F.3.b.2.(a), preceding, may remain connected and be moved and reconnected for the life of the equipment and may be modified only under Part 68 of the FCC's 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 Part 2, Section 9, **CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS**, paragraph F.
      - (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 Company-provided connecting arrangement.
      - (d) The connections specified in F.3.b.2.(a) through F.3.b.2.(c), preceding, must comply with the minimum protection criteria specified in F.4.f, following.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 4. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the FCC'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.

- Series 100
- Series 200
- Series 400

- Video Channels (provided via special service request for closed circuit TV)

(D)

2. Except as otherwise provided in F.2 and F.3, preceding, customer-provided terminal equipment and communications systems may be electrically connected to private line services under this F.4.

(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 telecommunications services, such connections shall be made to a demarcation point provided by the Company.

(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 telecommunications services:

(i) except as otherwise specified in F.4.d.1.(d), following, such connections shall be made through a connecting arrangement as provided in this paragraph F.4, and

(ii) 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.

(iii) Customer-provided terminal equipment or communications systems connected under F.4.a.2.(a) or F.4.a.2.(b), preceding, must comply with the minimum protection criteria specified in F.4.f, following.

(D)

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 4. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the FCC's Registration Program (cont'd)

## b. Data Terminal Equipment

## 1. Direct Electrical Connection

- (a) Customer-provided data terminal equipment which involves direct electrical connection to facilities furnished for private line service by the Company may be used with such facilities for such purpose under the conditions set forth below:
- (i) The customer shall be responsible for ordering and specifying the type of channel and the channel conditioning for operation with data processing equipment provided by the customer or authorized user. (C)
  - (ii) Except as otherwise specified in (iii) and (iv), following, when the connection of customer-provided data terminal equipment requires the use of data sets, the data sets may be provided by either the customer or authorized user; except that, the Company shall furnish all data sets located on the premises of the Company. Where the customer or authorized user elects to provide his own data sets on a given private line service, it shall be the responsibility of the customer or authorized user to ensure the continuing compatibility of such data sets with the facilities furnished by the Company. (C)
  - (iii) To protect the telecommunications network, the connection of customer-provided data terminal equipment to private line service provided by the Company, when such private line service is arranged for connection to telecommunications services shall be through a connecting arrangement as described below. (C)

Data Access Arrangement

Where the customer elects to use customer-provided data terminal equipment through a data access arrangement, the customer or authorized user shall furnish the equipment which performs the functions of data signal conditioning and the Company shall furnish the data access arrangement for use with the network control signaling unit. (C)

- (iv) Where a data access arrangement is furnished with customer-provided terminal equipment and such terminal equipment is used for both voice and data communications, the data access arrangement may be used to connect the customer-provided equipment for voice communication.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 4. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the FCC's Registration Program (cont'd)

## c. Voice Terminal Equipment

1. Customer-provided voice terminal equipment may be connected at the customer's premises to private line service per the following, when such private line service is arranged as provided in F.4.a.2.(b), preceding.
  - (a) The connection shall be made through a network control signaling unit and a connecting arrangement furnished by the Company.
  - (b) Where a data access arrangement is furnished in connection with customer-provided terminal equipment and such terminal equipment is used for both voice and data communication, the data access arrangement may be used to connect the customer-provided terminal equipment for voice communication.
2. Attested equipment and conforming answering devices may be used with private line service subject to the provisions of Part 2, Section 9, **CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS**, paragraphs D and E.

## d. Communications Systems

1. Customer-provided communications systems (other than communications systems connected pursuant to F.2 and F.3, preceding) may be connected to private line service per this F.4.d.1. These communications systems (including channels derived from such systems, not exceeding voice grade), may be connected at the customer or authorized user 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 system 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 or to channels created therefrom in accordance with the provisions of F.5, following.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 4. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the FCC's Registration Program (cont'd)

## d. Communications Systems (cont'd)

## 1. (cont'd)

(d) When the private line service is arranged as provided in F.4.a.2.(b), preceding, the connection is made through:

- (i) a connecting arrangement provided by the Company, or
- (ii) 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 FCC's Regulations are met at the demarcation point.

Minimum protection criteria as set forth in F.4.f, following, must be complied with when the connection is made through equipment or systems that are not registered.

In lieu of these requirements for total hardware protection, an optional, alternative method, as described in F.4.d.1.(e), following, is available for the control of signal power only.

(e) When customer-provided communications systems not subject to Part 68 of the FCC's Regulations are connected to private line services that are arranged as provided in F.4.a.2.(b), preceding, and the connection is through (a) a Company-provided connecting arrangement or, (b) registered or grandfathered terminal equipment, communications system or protective circuitry which assures that all of the requirements of Part 68 of the FCC's Regulations are met at the demarcation point, no further action is required. However, when a customer elects to connect a communications system to private line service and the registered or grandfathered equipment, system or protective circuitry through which connection is made does not provide protection for signal power control, the customer must comply with the following institutional procedures:

- (i) The customer-provided communications system must be installed, operated and maintained so that the signal power (within the frequency range of 200- 4000 Hertz) at the demarcation point continuously complies with Part 68 of the FCC's Regulations.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 4. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the FCC's Registration Program (cont'd)

## d. Communications Systems (cont'd)

## 1. (cont'd)

## (e) (cont'd)

- (ii) The operator/maintainer responsible for the establishment, maintenance and adjustment of the voice frequency signal power present at the demarcation point must be trained to perform these functions by successfully completing one of the following:
- a training course provided by the manufacturer of the equipment used to control voice frequency signal power; or
  - a training course provided by the customer or authorized representative, who has responsibility for the entire communications system, using training materials and instruction provided by the manufacturer of the equipment used to control the voice frequency signal power; or
  - an independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the equipment used to control the voice frequency signal power; or
  - in lieu of the preceding training requirements, the operator/maintainer is under the control of the supervisor trained per F.4.d.1.(e)(ii).

Upon request, the customer is required to provide the proper documentation to demonstrate compliance with the requirements in this F.4.d.1.(e)(ii).

- (iii) At least ten days advance notice must be given to the Company in the form of a notarized affidavit before the initial connection of the customer-provided communications system. A copy of the affidavit must also be maintained at the customer's premises. The affidavit must contain the following information:
- The full name, business address, business telephone number and signature of the customer or authorized representative who has responsibility for the operation and maintenance of the communications system.
  - The line which the communications system will be either connected to or arranged for connection to.
  - A statement that all operations associated with the establishment, maintenance and adjustment of the signal power present at the demarcation point will comply with Part 68 of the FCC's Regulations.
  - A statement describing how each operator/maintainer of the communications system will meet and continue to meet the training requirements for persons installing, adjusting or maintaining the communications system.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

4. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the FCC's Registration Program (cont'd)
  - d. Communications Systems (cont'd)
    1. (cont'd)
      - (f) Extraordinary Procedures
        - (i) The Company may invoke extraordinary procedures to protect the private line service where one or more of the following conditions are present:
          - Information provided in the affidavit gives reason to believe that a violation of Part 68 of the FCC's Regulations or the institutional procedures set forth in F.4.d.1.(e)(i), preceding, is likely.
          - Harm has occurred and there is reason to believe this harm was a result of operations performed under the institutional procedures set forth in F.4.d.1.(e), preceding.
        - (ii) The extraordinary procedures, which can be invoked by the Company, include:
          - Requiring the use of protective apparatus which either protects solely against signal power or which assured that all of the requirements of Part 68 are met at the demarcation point. This protective apparatus may be provided by either the Company or the customer.
          - Disconnecting service.
        - (iii) A charge equal to the Maintenance of Service Charge as provided in F.1.b.3, preceding, will apply when;
          - It is necessary to send a Company employee to the premises where the connection is made because a condition set forth in F.4.d.1.(f)(i), preceding, exists, and
          - A failure to comply with Part 68 of the FCC's Regulations or the institutional procedures for signal power control in F.4.d.1.(e), preceding, is disclosed.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**F. Connections of Terminal Equipment and Communications Systems (cont'd)**

4. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the FCC's Registration Program (cont'd)

d. Communications Systems (cont'd)

2. An entrance facility channel or channels created therefrom under the provisions of 6.5, following, may be connected at such customer's or user's premises to other customer-provided communications systems in accordance with 1., 1.a., 1.b. and 1.d. preceding.

3. Reserved

(C)  
(D)  
|  
(D)

4. 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 the 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 or to channels created therefrom under the provision of F.5, following.

(e) The connection shall be made on the same basis as set forth for the customer in F.4.a.2, preceding, and F.4.f, following.

(f) All communications over the interconnected facilities shall be between the customer and authorized user and relate directly to the customer's business.

e. Accessories

Accessories provided by a customer may be used with private lines service provided that such accessories comply with the provisions of F.1.b and F.4.a.2.(b)(ii), preceding.



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**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

4. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the FCC's Registration Program (cont'd)
  - f. Minimum Protection Criteria for Electrical Connections
    1. Since private line services use 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 Company private line service be individually engineered. Because each private line service is individually engineered a single valued limit for all applications cannot be specified. Therefore, the power of the signal in the band above 300 Hertz (Hz) which may be applied by the customer-provided equipment to the demarcation point will be specified by the Company for each application to be consistent with the signal power allowed on the telecommunications network.
    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 on the customer's premises meet the following limits:
      - (a) The power in the band from 3,995 Hz to 4,005 Hz shall be at least 18db below the power of the signal as specified in F.4.f.1, above.
      - (b) The power in the band from 4,005 Hz to 10,000 Hz shall not exceed 16db below one milliwatt.
      - (c) The power in the band from 10,000 Hz to 25,000 Hz shall not exceed 24db below one milliwatt.
      - (d) The power in the band from 25,000 Hz to 40,000 Hz shall not exceed 36db below one milliwatt.
      - (e) The power in the band above 40,000 Hz 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 on the customer's premises at no time have energy solely in the 2450 to 2750 Hz band. If signal power is in the 2450 to 2750 Hz band, it must not exceed the power present at the same time in the 800 to 2450 Hz band.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**F. Connections of Terminal Equipment and Communications Systems (cont'd)**

4. Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the FCC's Registration Program (cont'd)

f. Minimum Protection Criteria for Electrical Connections (cont'd)

4. Where customer-provided equipment applies signals having components in the frequency spectrum below 300 Hz, excluding ringing signals, the currents and voltages (including all harmonics and spurious signals) at the demarcation point shall not exceed the limits indicated in F.4.f.4.(a) through F.4.f.4.(d), following.

- (a) The maximum root-mean-square (rms) 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 F.4.f.4.(b), above, is not exceeded. If the signal source is not grounded, the voltage limit in F.4.f.4.(b), above, applies to the conductor to conductor voltage.
- (d) The total weighted rms voltage within the band from 50 Hz to 300 Hz 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 frequencies between</u>	<u>weighting factor</u>
50 Hz and 100 Hz	$f^2/10^4$
100 Hz and 300 Hz	$f^{3.3}/10^{6.6}$

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

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 5. Channel Derivation Devices

Customer-provided channel derivation devices which are used to create additional channels under F.5.a and F.5.b, following, may be connected to private line service subject to F.1, F.2 and F.3, 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 located at his premises. Channel derivation equipment can be used with any service. (C)
- 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.

6. Connection of Certain Facilities of Power, Pipe Line and Railroad Companies<sup>/1/</sup>

Facilities of an electric power company, an oil, oil products or natural gas pipe line company, or a railroad company provided primarily to communicate with points located along a right-of-way (including premises or such company anywhere in cities, towns or villages along the right-of-way) owned or controlled by such company may, in lieu of the provisions of F.3 and F.4.d, preceding, be connected with services furnished by the Company at the demarcation point to the same customer, subject to the following:

- a. Such connections will be made by means of switching or connecting equipment furnished by the customer.
- b. Such customer telephone facilities will be connected at the demarcation point to private line services furnished by the Company for voice transmission and using a Series 300 or 400 channel when furnished to the same customer, for communications with stations associated with such services; provided, however, that facilities of the customer will not be connected to a local or toll central office line to form a through-connection except as follows:
  1. in cases of emergency involving safety of life or property;
  2. in cases of calls originated by railroad employees under circumstances indicating need for prompt action to secure or maintain the safety, continuity or reliability of railroad service to the public, and related to the movement of passengers, mail, property or equipment by railroad, or the repair, maintenance or construction of railroad rights-of-way, structures or equipment;
  3. in cases where the customer facilities serve locations where it is impracticable because of hazard or inaccessibility for the Company to furnish its facilities; and
  4. during an interim period in cases where the customer has arranged for replacement of said customer facilities with facilities of the Company.

/1/ Obsolete - cannot add to an existing system, cannot outside move, cannot supersede.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

6. Connection of Certain Facilities of Power, Pipe Line and Railroad Companies<sup>/1/</sup> (cont'd)
- c. Telephone circuits of such companies will be connected to a local or toll central office line to form a through-connection only through manual switching equipment, or an attendant's position of dial PBX equipment. Such equipment or position may be located at either or both ends of the customer's circuit.
  - d. Connection of a telephone circuit of such companies as specified in F.6.b.1 through F.6.b.4 preceding, may be established at either end of such circuit, but shall not be established at both ends simultaneously.
  - e. Customer teletypewriter or morse, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling facilities will be connected at the demarcation point to private line service furnished by the Company for such purposes to the same customer.
  - f. Company-provided private line services, when connected at the demarcation point with facilities of the customer, will not be used for communications of other than the customer, except that such services may be used for the communications of, and be connected with services furnished by the Company, to other companies which:
    - 1. Are operated with the customer as parts of an integrated electric power, oil, oil products or natural gas system or railroad system under direct or common ownership or control; or
    - 2. Own or operate an electric power or pipe line or railroad system jointly with the customer; or
    - 3. Own or operate electric power or pipe line or railroad facilities interconnected with those of the customer.
- Company-provided private line services when so connected may be connected to a local or toll central office line to form a through-connection for communications of other companies specified in F.6.f.1 through F.6.f.3, preceding, including calls originated by employees of such companies only under the circumstances set forth in F.6.a and F.6.b, preceding.
- g. Customer-provided terminal equipment and communications systems connected to the private line services specified in F.2.b, preceding, per F.6.a through F.6.f, preceding, prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of customer-provided terminal equipment or communications systems subject to Part 68 of the FCC's Regulations connected to such private line services must meet the requirements of Part 68 of the FCC's Regulations.
  - h. Effective May 1, 1983, new installations of, or additions to customer-provided terminal equipment and communications systems subject to Part 68 of the FCC's Regulations, connected to the private line services specified in F.2.c or F.2.d, preceding, per F.6.a through F.6.f, preceding, must meet the requirements of Part 68 of the FCC's Regulations.

/1/ Obsolete - cannot add to an existing system, cannot outside move, cannot supersede.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**7. Connections of Certain Facilities of the U.S. Army, Navy and Air Force<sup>/1/</sup>

Facilities of the U.S. Department of the Army, Navy, or Air Force will be connected with services furnished by the Company, in lieu of the provision of F.3 and F.4.d, preceding, as provided in F.7.a and F.7.b, following, where the Secretary of the appropriate Department or his authorized representative notifies the Company in writing that such connection is required for reasons of military necessity.

- a. Telephone facilities of the aforesaid Departments will be connected to private line services furnished by the Company for voice, transmission and using a Series 300 or 400 channel for communications with stations associated with such services; provided, however, that such Department facilities will not be connected to a local or toll central office line to form a through-connection except in cases of emergency involving safety of life or property, unless such facilities are provided in locations where it is impracticable for the Company to furnish its services.
- b. Teletypewriter or morse, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling facilities of the aforesaid Departments will be connected to private line services furnished for such purposes.
- c. Customer-provided terminal equipment and communications systems connected to the private line services specified in F.2.b, preceding, per F.7.a and F.7.b, preceding, prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of customer-provided terminal equipment or communications systems subject to Part 68 of the FCC's Regulations connected to such private line services must meet the requirements of Part 68 of the FCC's Regulations.
- d. Effective May 1, 1983, new installations of, or additions to customer-provided terminal equipment and communications systems subject to Part 68 of the FCC's Regulations connected to the private line services specified in F.2.d and F.2.d, preceding, per F.7.a and F.7.b, preceding, must meet the requirements of Part 68 of the FCC's Regulations.

## 8. Connection of Services Furnished by the Company with Service of Other Common Carriers

The connection of services furnished by the Company with services of other carriers shall be under the regulations found in the Access Service Tariff and other sections of this guidebook.

/1/ Obsolete - cannot add to an existing system, cannot outside move, cannot supersede.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**F. Connections of Terminal Equipment and Communications Systems (cont'd)**

9. Connection of Services Furnished by the Company to the Same Customer

- a. 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 participating carriers, or to another service provided by the Company as specified in F.9.b through F.9.h, following.
- b. 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 (1) at the premises of the customer, or (2) at the premises of an unauthorized 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.9.c, following.

- c. Reserved (C)  
(D)

- d. Channels created by the customer or authorized user under the provisions of F.5, preceding, may be connected at the customer's or authorized user's premises:

- 1. To channels of voice grade or less furnished by the Company, and channels created therefrom as authorized in F.5.

The connection of channels specified above is subject to the regulations contained in F.1, F.2 and F.3, preceding.

- 2. To entrance facilities furnished by the Company and to channels created therefrom as authorized in F.5.

The connection of channels specified above is subject to the regulations contained in F.1, F.2 and F.3, preceding.

(D)

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**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 9. Connection of Services Furnished by the Company to the Same Customer (cont'd)

- e. 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 arrangement to LDMTS, local exchange service or WATS to form a through-connection over the private and exchange lines where facility conditions permit. It is not contemplated that not more than one such type of connection will be established simultaneously and transmission is not represented as adapted to such connections.

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

- f. The telecommunications network may be used in conjunction with channels for medium speed facsimile transmission to extend the transmission and reception of pictures and similar material for publication subject to the rates and regulations specified in other parts/sections of this Guidebook. No direct connection of the telecommunications network shall be made to the above type channels at the premises of the customer except where protective connection equipment is provided for this purpose by the Company.
- g. Entrance facility channels may be connected to private line service (including other entrance facility channels) either on the premises of the customer or authorized user or through Centrex control switching equipment which serves the premises of the customer or authorized user provided that:
  1. At such premises the customer has a regular and continuing requirement for the origination or termination of communications over the customer-provided communications system which is extended by the entrance facility channel.
  2. The normal mode of operation of the customer-provided communications system shall be to provide communications originating or terminating at the premises where the connection is made or at the customer's or authorized user's premises served by the Centrex control switching equipment.
  3. Where the connection is made on the premises of the customer or authorized user, the connection shall be made through switching equipment provided either by the customer or authorized user.
  4. The connection shall be to channels of voice grade or less furnished by the Company or to channels created therefrom under the provisions of F.5, preceding.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**

## 9. Connection of Services Furnished by the Company to the Same Customer (cont'd)

- h. Entrance facility channels may be connected to LDMTS, local exchange service or WATS either on the premises of the customer or authorized user or through Centrex control switching equipment which serves the premises of the customer or authorized user provided that:
  - 1. At such premises the customer-provided communications system which is extended by the entrance facility channel, or the LDMTS, local exchange service or WATS is used for the origination or termination of communications.
  - 2. Where the connection is made on the premises of the customer or authorized user, the connection shall be made through switching equipment provided either by the customer or authorized user.
- i. Channels of less than voice grade may be connected at the customer's premises to telecommunications service through switching equipment provided by the customer. The connection shall be through a data set or a data access arrangement and shall be such that the function of network control signaling is performed by equipment furnished, installed and maintained by the Company.

## 10. Connection of Services Furnished by the Company to Different Customers

## a. A private line service furnished to a customer may be connected:

- 1. With a private line service furnished to a branch or agency of the United States Government for the purposes specified under F.10.a.4 and F.10.a.5, below, provided such connection is authorized by the branch or agency to whose service the connection is made.
- 2. With a private line service or telecommunications service furnished to a different customer, provided such connection is made at the premises of an authorized user as specified in F.10.a.6 through F.10.a.9, following, or (C)
- 3. As specified under F.10.a.10 through F.10.a.12, following, when connections involve (1) channels for wired music distribution, (2) channels of voice grade or less when these are furnished for data transmission to one customer with connection to channels created by another customer, or (3) private lines furnished to the U.S. Army, which may be connected to Associated Press and United Press International private lines for teletypewriter transmission, used in establishing an Emergency Action Notification System. (C)
- 4. Connections as specified in F.10.a.1 through F.10.a.3, preceding, will be provided only when the same types of channels (except LDMTS, local exchange service or WATS lines as set forth in F.10.a.7 and F.10.a.9, following, are involved) are connected and the same forms of electrical communication are used over the connected channels.



**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**F. Connections of Terminal Equipment and Communications Systems (cont'd)**

10. Connection of Services Furnished by the Company to Different Customers (cont'd)

a. A private line service furnished to a customer may be connected: (cont'd)

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

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

(b) Sending and receiving service - for transmission of flight plans to and acknowledgment of such plans from the government service to which connection is authorized.

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

7. Reserved

(C)  
(D)

(D)

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**F. Connections of Terminal Equipment and Communications Systems (cont'd)**

10. Connection of Services Furnished by the Company to Different Customers (cont'd)

a. A private line service furnished to a customer may be connected: (cont'd)

8. Reserved

(C)  
(D)

9. 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 on the other customer's private line and provided that:

- (a) All communications over the interconnected private lines are between the customers and relate directly to their business.
- (b) Such connections be made through switching equipment provided by the customer or authorized user.
- (c) Neither of the private lines are being furnished for foreign exchange service.
- (d) Such private lines shall include channels created by the customer per F.5.

(D)

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**F. Connections of Terminal Equipment and Communications Systems (cont'd)**

10. Connection of Services Furnished by the Company to Different Customers (cont'd)

a. A private line service furnished to a customer may be connected: (cont'd)

10. A private line furnished to a customer may be connected to LDMTS or local exchange service furnished to a different customer provided that:

- (a) The customer for the LDMTS or local exchange service is an authorized user of the other customer's private line.
- (b) The connection shall be made through switching equipment provided by the customer or the authorized user.
- (c) The connection shall be such that the functions of network control signaling are performed by equipment furnished, installed and maintained by the Company.
- (d) Such private lines shall include channels created by the customer per F.5.

(D)

(D)

11. 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.

(C)

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**11. U.S. Government Executive Departments and Agencies<sup>/1/</sup>

- a. Equipment of a department or agency of the executive branch of the U.S. Government used for the purpose of disguising or concealing the contents or meaning of communications may be connected to Company services, subject to the regulations and conditions stated below:
- b. The head of the department or agency whose equipment is to be connected, or his authorized representative, shall notify the Company in writing that such connection is necessary to safeguard official information which requires protection in the interests of national defense, or other confidential official information disclosure of which to unauthorized persons would be detrimental to the public interest.
- c. The government equipment shall be so constructed, maintained and operated as to work satisfactorily with the facilities of the Company.

12. Entrance Facilities<sup>/1/</sup>

- a. Entrance facility channels are furnished to the customer by the Company for the purpose of extending customer-provided communications systems to a service point of the customer or authorized user or to Centrex control switching equipment serving the premises of the customer or authorized user for use at such premises.

These channels are furnished for half-duplex or duplex operation on a two-point basis. The approximate bandwidth is 300-3000 Hz.

- b. Regulations

Customer-provided communications systems may be connected through connecting arrangements furnished by the Company with entrance facilities furnished to the same customer for the purpose of extending the customer-provided communications system to a service point of the customer or authorized user. The channels created therefrom per 6.5, preceding, may be connected at such customer's or authorized user's service point to other customer-provided communications systems per F.4.d.1.(a), F.4.d.1.(b) and F.4.d.a.(d), preceding.

Entrance facilities are furnished (a) within an exchange, or (b) located 25 airline miles or less from the point at which the customer-provided communications channel is connected to the Company entrance facility.

Requests for entrance facilities outside an exchange or over 25 airline miles will be reviewed on a case-by-case basis.

/1/ Obsolete - cannot add to an existing system, cannot outside move, cannot supersede.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**12. Entrance Facilities<sup>/1/</sup> (cont'd)

## c. Connection of Customer-Provided Terminal Equipment or Communications Systems to Company Entrance Facilities

1. Customer-provided communications channels may be connected with entrance facilities furnished by the Company for the purpose of extending the customer-provided communications channels. The connection shall be through connecting arrangements furnished, installed and maintained by the Company.
2. Entrance facilities may be connected to customer-provided transmitting and receiving terminal equipment or to customer-provided communications systems for the purpose of communicating with transmitting and receiving terminal equipment located on the premises on which the service point is located. The connection shall be through connecting arrangements furnished, installed and maintained by the Company.

## d. Minimum Protection Criteria

Customer-provided channels, communications systems or terminal equipment must comply with the minimum protection criteria set forth in F.4.f, preceding.

## e. Rates and Charges - Monthly Service

Special charges are applied for entrance facilities on a case-by-case basis.

## f. Exceptions

In compliance with the FCC Memorandum Opinion and Order 79-154, adopted March 15, 1979, "Interconnections with Private Interstate Communications Systems", and pending the completion of a rulemaking proceeding announced therein, the following facilities are provided without regard to F.12.a and F.12.b, preceding.

Aeronautical Radio Inc. (ARINC)

A 4-wire voice grade facility between ARINC microwave terminals at 4635 Southwest Freeway and 1900 St. James Street, Houston, Texas.

Cosden Chemical

A 4-wire voice grade facility between ARCO microwave terminal at Highway 80 Midland, Texas and the customers service point at I-20 E., Big Spring, Texas.

Union Oil

A 4-wire voice grade facility between ARINC microwave terminals at 4635 Southwest Freeway and 1900 St. James Street, Houston, Texas.

/1/ Obsolete - cannot add to an existing system, cannot outside move, cannot supersede.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**13. Connections of Customer-Provided Test Equipment<sup>/1/</sup>

## a. Totally Protective Connections

1. Customer-provided test equipment may be connected to those private line services specified in F.2, preceding, at the premises of the customer through registered or grandfathered terminal equipment, protective circuitry, or communications systems subject to Part 68 of the FCC's Regulations which, either singularly or in combination, assures that all of the requirements of Part 68 of the FCC's Regulations (total protection) are met at the demarcation point.
2. Customer-provided test equipment may be connected to those private line services specified in F.4.a.2, preceding, at the premises of the customer either (a) directly at the demarcation point, or (b) through other equipment, provided that the minimum protection criteria specified in F.4.f, preceding, are continually met at the demarcation point.

## b. Interim Program Connections of Customer-Provided Test Equipment

Customer-provided test equipment may also be connected at the premises of the customer to those private line services specified in F.2.g, preceding, either (a) directly at the demarcation point, or (b) through terminal equipment, protective circuitry, or communications systems subject to Part 68 of the FCC's Regulations which does not provide protection for signal power control under the following Interim Program provided that:

1. The customer-provided test equipment is limited to transmission signal power generating and/or detection devices, or similar devices, used by the customer for the detection and/or isolation of a communications service fault.
2. The customer-provided test equipment is of a type that was lawfully directly connected to private line service as of March 6, 1981. Such test equipment may remain connected, be moved or reconnected during the life of the test equipment unless it has been subsequently modified.
3. Direct connection of customer-provided test equipment or connections through Company-provided terminal equipment, or communications systems subject to Part 68 of the FCC's Regulations are made through Company-provided jacks or as otherwise authorized by the Company.

/1/ The Interim Program for the Connection of Customer-Provided Test Equipment, unless sooner canceled or changed, will remain in effect until a permanent program is adopted by the FCC as a result of Part 68 Rulemaking in CC Docket No. 81-216,85 F.C.C.2d 868 (1981).

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**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**13. Connections of Customer-Provided Test Equipment<sup>/1/</sup> (cont'd)

## b. Interim Program Connections of Customer-Provided Test Equipment (cont'd)

4. Customer-provided test equipment must be operated per the institutional procedures for signal power control as specified in F.13.c, following.
5. The customer notifies the Company of each private line service at each premises to which the customer-provided test equipment will be connected in advance of the initial connection. The customer must also notify the Company when such test equipment is permanently disconnected at each premises.
6. No customer-provided test equipment or combination of test equipment with terminal equipment, protective circuitry or communications systems subject to Part 68 of the FCC's Regulations (including but not limited to wiring) may cause electrical hazards to Company personnel, damage to Company equipment, malfunction of Company billing equipment, or degradation of service to persons other than the user of the subject test equipment or the user's calling or called party.

/1/ The Interim Program for the Connection of Customer-Provided Test Equipment, unless sooner canceled or changed, will remain in effect until a permanent program is adopted by the FCC as a result of Part 68 Rulemaking in CC Docket No. 81-216,85 F.C.C.2d 868 (1981).

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**13. Connections of Customer-Provided Test Equipment<sup>/1/</sup> (cont'd)

## c. Institutional Procedures for Signal Power Control

1. Under F.13.b.4, preceding, the customer must comply with the following institutional procedures:
  - (a) The customer must install, operate and maintain the test equipment so that its signal power at the demarcation point complies with Subpart D of Part 68 of the FCC's Regulations.
  - (b) The operator/maintainer responsible for the test equipment signal power present at the demarcation point must be trained to perform these functions by successfully completing one of the following:
    - (i) a training course provided by the manufacturer of the test equipment, or
    - (ii) a training course provided by the customer, or authorized representative of the customer, using training materials and instructions provided by the manufacturer of the test equipment, or
    - (iii) an independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the test equipment, or
    - (iv) in lieu of the preceding training requirements, the operator/maintainer is under the control of a supervisor trained per F.13.c.1.(b)(i) through F.13.c.1.(b)(iii), preceding.

Upon request, the customer is required to provide proper documentation to demonstrate compliance with the requirements in this F.13.c.1.(b).

- (c) Advance notice must be given to the Company in the form of a notarized affidavit before the initial connection of the customer-provided test equipment at each premises after April 9, 1981. A copy of the affidavit must also be maintained at the customer's premises. The affidavit must contain the following information:
  - (i) The full name, business address, business telephone number and signature of the customer or authorized representative who has responsibility for the operation of the test equipment.

<sup>/1/</sup> The Interim Program for the Connection of Customer-Provided Test Equipment, unless sooner canceled or changed, will remain in effect until a permanent program is adopted by the FCC as a result of Part 68 Rulemaking in CC Docket No. 81-216,85 F.C.C.2d 868 (1981).



**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**13. Connections of Customer-Provided Test Equipment<sup>/1/</sup> (cont'd)

## c. Institutional Procedures for Signal Power Control (cont'd)

## 1. (cont'd)

## (c) (cont'd)

- (ii) The lines to which the test equipment will be either connected to or arranged for connection to.
- (iii) A statement that all operations associated with the establishment, maintenance and adjustment of the test equipment signal power present at the demarcation point will comply with Subpart D of Part 68 of the FCC's Regulations.
- (iv) A statement describing how each operator of the test equipment will meet and continue to meet the training requirements for persons installing, connecting, adjusting or maintaining the test equipment.

## 2. Extraordinary Procedures

- (a) The Company may invoke extraordinary procedures to protect the telecommunications network where one or more of the following conditions are present:
  - (i) Information provided in the affidavit gives reason to believe that a violation of Part 68 of the FCC's Regulations or the institutional procedures set forth in F.13.c.1, preceding, is likely.
  - (ii) Harm has occurred and there is reason to believe this harm was a result of operations performed under the institutional procedures set forth in F.13.c.1, preceding.
- (b) The extraordinary procedures, which can be invoked by the Company, include:
  - (i) Requiring the use of protective apparatus which either protects solely against excessive signal power or which assures that all of the requirements of Part 68 of the FCC's Regulations are met at the demarcation point.
  - (ii) Disconnecting service.

/1/ The Interim Program for the Connection of Customer-Provided Test Equipment, unless sooner canceled or changed, will remain in effect until a permanent program is adopted by the FCC Commission as a result of Part 68 Rulemaking in CC Docket No. 81-216,85 F.C.C. 2d 868 (1981).

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****F. Connections of Terminal Equipment and Communications Systems (cont'd)**13. Connections of Customer-Provided Test Equipment<sup>/1/</sup> (cont'd)

## c. Institutional Procedures for Signal Power Control (cont'd)

## 2. Extraordinary Procedures (cont'd)

(c) A charge equal to the Maintenance of Service Charge will apply when:

- (i) It is necessary to send a repair person to the premises where the test equipment is connected because a condition as set forth in F.13.c.2.(a), preceding, exists, and
- (ii) A failure to comply with the institutional procedures for signal power control is disclosed.

**G. Method of Applying Rates**

1. The method of applying rates for Special Bridging Service is as set forth in Part 15, Section 2. The paragraphs in Part 20, Section 15 include Local Area Data Service<sup>/2/</sup> and Served Direct Service<sup>/2/</sup>. (C)
2. The method of applying rates for interexchange and intraexchange private line service involving two-point and multipoint services for Series 100, Series 200, Series 300 and Series 400 is determined as follows:

## a. Local Channel

## 1. Two-point

A local channel charge shall apply for the first channel termination, per service, involved on a customer or authorized user premises. Charges are based on the airline distance in quarter miles, or fraction thereof, between each customer or authorized user premises and the serving office. The following have only one local channel: 314B, 314C, 315, 316, 317A<sup>/2/</sup> and 317B<sup>/2/</sup>. When terminated in a Network Reconfiguration Service<sup>/3/</sup> the following may have only one local channel: 420, 422, 423, 424, 425 and 435.

## 2. Multipoint

In addition to applicable private line service charges, a bridging charge per channel bridged, applies when three or more voice grade channels connect at the same location. Bridging charges do not apply to foreign exchange, foreign serving office and Types 315, 316, 317A and 317B.

/1/ The Interim Program for the Connection of Customer-Provided Test Equipment, unless sooner canceled or changed, will remain in effect until a permanent program is adopted by the FCC as a result of Part 68 Rulemaking in CC Docket No. 81-216, 85 F.C.C. 2d 868 (1981).

/2/ Obsolete -- Applicable to existing installations at existing locations for existing customers.

/3/ Effective October 30, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers. See Part 20, Section 15.

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**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****G. Method of Applying Rates (cont'd)**

## 2. (cont'd)

## a. Local Channel (cont'd)

## 3. Determination of Local Channel Mileage

- (a) A local channel includes a loop and such other equipment as required to provide a private line channel from a customer's premises to the serving central office for that premises.
- (b) The Company may use city maps of the appropriate scale or other means to measure private line local channels. The maps may be paper or digitized, but need not include detail of building locations or customer campus arrangements.
- (c) The Company will measure the private line local channel distance between the customer's requested service address and the serving central office for that address (the location of the customer's street address on a map may be estimated). Mileages are measured in units of quarter miles or tenths of a mile. For billing purposes fractional units are rounded to the next higher unit.
- (d) The customer may provide documented mileage measurements that show the placement of the customer's building on a premises. The airline mileage measurement to the building where the requested private line service is to be terminated may be different from the measurement obtained by the Company using its standard maps. The Company may accept the customer's mileage upon validation by the Company.
  - (i) Acceptable validation will be an official scale map of the customer's premises showing the building location on the property in addition to a measurement verification from a standard scale city map of the airline distance between the property location and the serving central office. If this information is sufficient and not in dispute, no additional validation will be necessary.
  - (ii) If a dispute exists, or if acceptable documentation of the location on the customer's premises of the served building in question is not available, then other official validation will be necessary. For example, a document signed by a registered professional surveyor, professional engineer, professional cartographer, etc. verifying the airline mileage will be acceptable.
  - (iii) Attestation of mileage measurements by a non-professional such as a customer or a consultant is not acceptable validation.
  - (iv) The Company reserves the right to verify mileage validation documentation submitted pursuant to (i) and (ii) above.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****G. Method of Applying Rates (cont'd)**

## 2. (cont'd)

## a. Local Channel (cont'd)

## 3. Determination of Local Channel Mileage (cont'd)

- (e) Billing adjustments to existing customers may result from mileage validations pursuant to (d) above.
  - (i) Such adjustments (if any) will be made prospectively from the date of notification by the customer (or the customer's agent) to the Company that the private line local channel mileage charge to the served building is in error and should be adjusted.
  - (ii) If the customer presents adequate documentation based on the Company and/or customer-provided data, that the served building and service to the served building existed prior to the date of notification by the customer to the Company, then the Company shall adjust the billing in arrears to the installation date of the service.
  - (iii) The Company reserves the right to verify billing adjustment documentation submitted pursuant to (ii) above.
- (f) Local channels normally measured to a theoretical serving office may, instead, be measured to the actual adjacent serving office, at the customer's request.
  - (i) Billing adjustments (if any) will be made prospectively from the date of notification by the customer (or the customer's agent) to the Company that the private line local channel mileage should be measured to the adjacent serving office.
  - (ii) If the customer elects to have a local channel measured to the adjacent serving office, all local channels for the customer's private line services will be rated to the adjacent serving office. If the customer elects to have a local channel measured to the theoretical serving office, all local channels for the customer's private line services will be rated to the theoretical serving office.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

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

2. (cont'd)

a. Local Channel (cont'd)

4. Service Charges Do Not Apply

(a) Service charges do not apply as follows:

- Service reestablished, within the same exchange, after the destruction or partial destruction of the customer's premises by means beyond the control of the customer whether at the same or another location. However, if service is established at a new location and the customer later moves back to the old location, Service Charges are applied in connection with the re-establishment of service at the old location.<sup>/1/</sup>

/1/ For customers displaced by the major floods of October, 1994, Service Charges do not apply to the establishment of service at an interim location nor to the later reestablishment of service at the same or different location. This provision expires January 31, 1995.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****G. Method of Applying Rates (cont'd)**

## 2. (cont'd)

## b. Interoffice Channel

## 1. Two-Point

Intraexchange - When demarcation points of an intraLATA, intraexchange private line service are located in different serving office areas, interoffice mileage charges apply. Charges are based on the V & H distance between the serving offices.

Interexchange intraLATA - When a demarcation point of an interexchange intraLATA 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.

## 2. Multipoint

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. When the customer requests all or some of the offices connected in a specific sequence, the channel charges will be determined in that sequence. Otherwise, mileage will be charged for in a manner that results in the lowest possible total interoffice channel charges. Bridging charges per channel bridged apply when the three or more voice grade channels connect at the same location. Bridging charges do not apply to foreign exchange, foreign serving office, and Types 315, 317A<sup>/1/</sup> and 317B<sup>/1/</sup>.

## c. Channel Terminals

Channel terminals charges apply at (1) each termination of an interexchange intraLATA channel, and (2) each termination of an interoffice channel.

## d. Interexchange IntraLATA Channel

## 1. Two-point

When the demarcation points of a private line service are located in different exchanges or metropolitan exchanges, interexchange intraLATA 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.

Where "other line" charges apply, mileage is calculated between a Company primary serving office and a point of connection with the facilities of another LEC. This interexchange mileage shall not exceed the distance between the primary serving offices.

/1/ Obsolete -- Applicable to existing installations at existing locations for existing customers.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

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

2. (cont'd)

d. Interexchange IntraLATA Channel (cont'd)

2. Multipoint

Each channel connecting primary serving offices is considered a separate channel for which mileage is independently computed. When the customer requests all or some of the primary serving offices to be connected in a specific sequence, the interexchange channel charges will be determined in that sequence. Otherwise, mileage will be charged in a manner that results in the lowest possible total interexchange channel charges. Bridging charges per channel bridged, apply when three or more voice grade channels, connect at the same location. Bridging charges do not apply to foreign exchange, and Types 315, 316, 317A<sup>/1/</sup> and 317B<sup>/1/</sup>.

(C)

e. Additional Point of Termination of a Local Channel in Different Buildings (Same Premises)<sup>/2/</sup>

1. A charge, as provided in Part 15, Section 2, for extending a local channel and terminating the channel at a demarcation point in a different building on the same premises shall apply in lieu of additional local channel charges.<sup>/2/</sup>
2. When all demarcation points 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 demarcation point in different buildings on the same premises as specified in Section 2.<sup>/2/</sup>

f. Additional Point of Termination in Same Building<sup>/2/</sup>

A charge as provided in Part 15, Section 2, for extending a local channel and terminating the channel at a demarcation point in the same building, shall apply in lieu of additional local channel charges.<sup>/2/</sup>

g. Category "A" Primary Serving Offices

Those offices to which Schedule 1 and 2 interexchange channel rates apply for Series 300 and 400 channels.

Abilene - Orchard	Houston - Capitol
Amarillo - Drake	Laredo
Austin - Greenwood	Longview - Main
Beaumont - Beaumont 835	Lubbock - Porter/Sherwood
Corpus Christi - Tulip	Midland - Mutual
Dallas - Taylor	San Angelo - 653
El Paso - 542	San Antonio - Capitol
Fort Worth - Edison	Sweetwater
Freeport	Waco - Plaza
Harlingen	

/1/ Obsolete -- Applicable to existing installations at existing locations for existing customers.

/2/ Obsolete -- See Part 15, Section 2.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****G. Method of Applying Rates (cont'd)**

## 2. (cont'd)

## h. Category "A" Primary Serving Offices - U. S. Government

Those offices in addition to G.2.g, preceding, to which Schedule 1 and 2 interexchange channel rates apply for Series 300 and 400 channels for service furnished only to a branch or agency of the United States Government.

Apollo  
Ennis

Seguin

## i. Service Charges

A charge applies per point of termination installed or moved as provided in Part 15, Section 2, following. Those services with one local channel shall be billed as provided in Part 15, Section 2, following. Private line service charges for local channel Type 315 does not apply for inside moves within the same building on the same premises.

j. Bridging charges per channel bridged apply when three or more voice grade channels connect at the same location. Bridging charges do not apply to foreign exchange, foreign serving office and Types 315, 317A<sup>/1/</sup> and 317B<sup>/1/</sup>.

(C)

## k. Signaling

Signaling charges for Series 400 channels are applicable per point of termination, except for Type 428 which is applicable per local channel. Rates and charges are found in Part 15, Section 2.

Local channel Types 428 require Type A, B or C loop signaling, except for the following:

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

Local channel Types 424 require E&M signaling.

E&M signaling is optional on Type 424 local channels terminating in a grandfathered customer-provided PBX (or similar) switching system.

## l. Special Routing

The private line services furnished under this guidebook are provided over such routes as the Company may elect. Special routing is involved where, 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 charges are independently computed. Special routing will be provided only where suitable facilities are available.

/1/ Obsolete -- Applicable to existing installations at existing locations for existing customers.



**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)****G. Method of Applying Rates (cont'd)**

## 2. (cont'd)

## m. Determination of Mileage

1. For the purpose of determining airline mileages, vertical and horizontal grid lines have been established across the United States and Canada. The spacing between adjacent vertical grid lines and between horizontal grid lines represents a distance of one coordinate unit. This unit is the square root of 0.1, expressed in statute miles. A vertical (V) and a horizontal (H) coordinate is computed for each primary serving office and serving office from its latitude and longitude location by use of appropriate map-projection equations. A pair of V-H coordinates locates a primary serving office or serving office for determining airline mileages, at a particular intersection of an established vertical grid line with an established horizontal grid line. The distance between any two primary serving offices or serving offices is the airline mileage computed as explained in 2., following.
2. To determine the rate distance between any two primary serving offices or serving offices, proceed as follows:

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

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

- (c) Square each difference obtained in (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), preceding. This is the rate distance in miles. (Fractional miles are rounded to the next higher quarter mile.) The rate for each quarter mile is 25% of the rate per mile rounded to the nearest cent.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

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

2. (cont'd)

m. Determination of Mileage (cont'd)

2. (cont'd)

Example:

The rate distance is required between the Dallas Zone of the Dallas Metropolitan Exchange and the Fort Worth Zone of the Fort Worth Metropolitan Exchange

	<u>V</u>	<u>H</u>
Dallas Zone	8432	4033
Ft. Worth Zone	<u>8479</u>	<u>4123</u>
difference	47	90
squared	2209 + 8100 = 10,309	

$$\sqrt{\frac{10,309}{10}} = 32.11 = 129 \text{ quarter miles}$$

**H. Exceptions**

In those cases where an intraexchange service has stations in Texas 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.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**I. Reserved**

(C)

(D)

(D)

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**J. Special Charges, Fees and Taxes**

There shall be added to the customer's bill for service, an additional charge equal to the pro rata share of any occupation, franchise, business, license, excise, privilege or other similar charge or tax, now or hereafter, imposed upon the gross receipts or revenue of the Company by a municipal taxing body or municipal authority whether by statute, ordinance, law or otherwise, and whether presently due or to hereafter become due.

The charge applicable to each customer will appear separately on the customer's regular monthly bill and shall be determined on a basis equal to the tax levied by each municipal taxing body or municipal authority. The amount of charge to the customer shall be computed by dividing the tax expressed as a percentage by 100% minus the tax expressed as a percentage and multiplying the decimal thus obtained by the customer's service charges to which such tax applies as reflected by the following formula:

$$\frac{\text{Tax}\%}{100\% - \text{Tax}\%} \times \text{Service Charges Subject to Tax} = \text{Amount of Charge to Customer}$$

The amount of charge to the customer will be rounded to the nearest cent.

**K. Surcharge**

1. General

A surcharge applies to each interexchange private line service as follows:

	<u>Monthly Rate</u>	<u>USOC</u>
Surcharge	\$25.00	S25

*Two-Point Service* - One charge is applicable.

*Multipoint Service* - One charge is applicable for each local channel in excess of one.

This surcharge compensates the Company for use of the local exchange network when private line service is connected to a PBX or equivalent device which is capable of interconnecting the private line services with local exchange service ("leaky PBX"). The Company will automatically bill the appropriate surcharge on each private line service installed irrespective of whether the interconnection capability exists in the customer's premises equipment or in a Centrex-CO type switch unless the service is exempt from the surcharge as set forth in K.2, following.

**REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES) (cont'd)**

**K. Surcharge (cont'd)**

2. Exceptions to the Surcharge Application

- a. All Series 100, 200 and local area data service<sup>/1/</sup> private line channels. (C)
- b. The surcharge is not applicable to intraexchange private line services, nor to private line services that are terminated between exchanges that have *mandatory* Extended Area Calling Service arrangements as that service is defined in Part 4, Section 2.
- c. In addition, there are two means by which the customer may be exempted from the monthly surcharge. First, if the customer certifies that the private line service is terminated in a device not capable of interconnecting the service with local exchange service, no surcharge will apply. Second, if the customer certifies that the private line service is associated with a switched access service in the same LATA that is subject to Carrier Common Line Charges, no surcharge will apply.

	<u>Monthly Rate</u>	<u>USOC</u>
Surcharge Exemption	\$0.00	S25EX

3. Certification

The certification will be in the form of a written notification to the Company. The notification may be provided (1) at the time the service is ordered, or (2) at such time as the service is reterminated to a device not capable of interconnecting to the local exchange network, or (3) at such time as the private line service becomes associated with a switched access service that is subject to Carrier Common Line Charges.

If a written certification is not received at the time an order for service is placed, the surcharge will be applied. Exempt status will become effective on the date certification is received by the Company.

4. Crediting the Surcharge

The Company will cease billing the surcharge when certification that the service has become exempt from the surcharge as set forth in K.3, preceding, is received. If the status of the service was changed prior to receipt of the exemption certification, the Company will credit the customer's account an amount up to and limited to 90 days (3 months) billing based on the effective date of the change specified by the customer in the letter of certification.

5. Definitions

Private Branch Exchange (PBX)

A private switching system, either manual or dial, usually serving an organization such as a business company or a government agency and usually located on the customer's premises.

"Leaky PBX"

A PBX or equivalent device which is capable of interconnecting the private line services with local exchange service.

/1/ Obsolete -- Applicable to existing installations at existing locations for existing customers.

**LOCAL ACCESS AND TRANSPORT AREAS**

**A. General**

Local Access and Transport Areas (LATAs) denote geographic areas established for the provision and administration of communications service. LATAs encompass one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

**B. List of Local Access and Transport Areas**

*Abilene LATA (550)*

ABILENE	HAMLIN	ROSCO	STAMFORD
ALBANY	HERMLEIGH	ROTAN	SWEETWATER
ANSON	ROBY	SNYDER	WESTBROOK
COLORADO CITY			

Associated Local Exchange Company Exchanges

Baird	Hawley	Merkel	Putnam
Blackwell	Lawn	Moran	Sylvester
Buffalo Gap	Loraine	Nolan	Trent
Clyde	Lueders	Noodle	Tuscola
Gail	Maryneal	Nubia	
Hamby	McCaulley	Potosi	

*Amarillo LATA (546)*

ALLISON	CANYON	LEFORS	SHAMROCK
AMARILLO	GRUVER	McLEAN	SKELLYTOWN
BORGER	HEREFORD	PAMPA	STINNETT
CANADIAN			

Associated Local Exchange Company Exchanges

Adams, Okla.	East Glenrio	Hedley	Sanford
Adrian	Estelline	Higgins	Spearman
Balko, Okla.	Eva, Okla.	Hooker, Okla.	South Texhoma
Beaver, Okla.	Farwell	Hub	Stevens
Boise City, Okla.	Felt-Wheeless, Okla.	Kenton, Okla.	Stratford
Bovina	Flomot	Kerrick	Summerfield
Booker	Floris, Okla.	Keyes, Okla.	Sunray
Boys Ranch	Follett	Lakeview	Texhoma, Okla.
Bryan's Corner, Okla.	Forgan, Okla.	Lautz	Texline
Bunkerhill	Frio	Logan, Okla.	Tharp
Cactus	Friona	Memphis	Turkey
Channing	Fritch	Miami	Turpin, Okla.
Clarendon	Goodnight	Middlewater	Tyrone, Okla.
Claude	Goodwell, Okla.	Milo Center	Umbarger
Cleta	Griggs, Okla.	Mobeetie	Vega
Coldwater	Groom	Nazareth	Wellington
Dalhart	Gurley	Oklahoma Lane	Westway
Darrouzett	Guymon, Okla.	Panhandle	Wheeler
Dawn	Happy	Parmer	White Deer
Dimmitt	Hardesty, Okla.	Perryton	Wildorado
Dodson	Hart	Pleasant Hill	
Dumas	Hartley	Quitaque	

**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)**

**B. List of Local Access and Transport Areas (cont'd)**

*Austin LATA (558)*

ADAMSVILLE	LAMPASAS	ROCKDALE
AUSTIN	LIBERTY HILL	SMITHVILLE
BASTROP	LOCKHART	TAYLOR
ELGIN		

Associated Local Exchange Company Exchanges

Bertram	Georgetown	McDade
Briggs	Granger	Milano
Buchanan Dam	Hutto	Paige
Buda	Jarrel	Rocky Creek
Burnet	Kempner	San Gabriel
Coupland	Kyle	San Marcos
Dale	Lometa	Thorndale-Thrall
Dripping Springs	Lytton Spring	Thrall
Fentress	Martindale	Wimberley

*Beaumont LATA (562)*

BEAUMONT	KOUNTZE	SOUR LAKE
BRIDGE CITY	LaBELLE	SOUTH VIDOR
BUNA	LUMBERTON	SPURGER
CHINA	MAURICEVILLE	VIDOR
DEWEYVILLE	NEDERLAND-PORT NECHES	WARREN
EVADALE	ORANGE	WESTBURY
FANNETT	PORT ARTHUR	WILDWOOD
JASPER	SABINE PASS	WOODVILLE
KIRBYVILLE	SILSBEE	

Associated Local Exchange Company Exchanges

Anahuac	Fairmount	Newton
Bon Wier	Hamshire	Nome
Bronson	Hankamer	Pineland
Burkeville	Hemphill	Smith Point
Colmesneil	High Island	Wallisville
Double Bayou	Milam	Winnie

**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)**

**B. List of Local Access and Transport Areas (cont'd)**

*Brownsville LATA (568)*

ALAMO-PHARR-SAN JUAN	HARLINGEN	PORT ISABEL
BROWNSVILLE	LOS FRESNOS	RIO HONDO
DONNA	MCALLEN	SAN BENITO
EDCOUCH	MERCEDES	SULLIVAN CITY
EDINBURG	MISSION	ZAPATA
FALCON HEIGHTS		

Associated Local Exchange Company Exchanges

El Sauz	McCook	San Isidro
Hargill	Port Mansfield	San Perlita
La Feria	Raymondville	Santa Rosa
Lasara	Rio Grande City	Stillman
Lyford	Roma	Weslaco

*Corpus Christi LATA (564)*

ALICE	FREER	ROCKPORT
BAYSIDE	GOLIAD	SAN DIEGO
BEEVILLE	HALLETTSVILLE	SHINER
BENAVIDES	HEBBRONVILLE	SINTON
BRUNI	KINGSVILLE	SKIDMORE
CORPUS CHRISTI	MATHIS	VICTORIA
CUERO	MOULTON	WOODSBORO
EDNA	NORDHEIM	YOAKUM
FLATONIA	REFUGIO	YORKTOWN

Associated Local Exchange Company Exchanges

Agua Dulce	La Ward	Portland-Gregory
Annarose	Lolita	Premont
Aransas Pass	Loyola Beach	Riviera
Berclair	Mirando City	Robstown
Bishop	Odem	Sarita
Blessing	Orange Grove	Seadrift
Bloomington	Palacios	Taft
Charco	Pawnee	Three Rivers
Concepcion	Pettus	Tilden
Encino	Point Comfort	Tivoli
Falfurrias	Port Alto	Vanderbilt
Ganado	Port Aransas	Waelder
George West	Port Lavaca	Westoff
Ingleside	Port O'Connor	



**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)**

**B. List of Local Access and Transport Areas (cont'd)**

*Dallas LATA (552)*

ALLEN	ENNIS	MINERAL WELLS
ALVARADO	FARMERSVILLE	PARIS
ANNA	FORNEY	POTTSBORO
AUBREY	FRISCO	PRINCETON
BRECKENRIDGE	FT. WORTH	PROSPER
CELINA	GAINESVILLE	RANGER
CISCO	GORDON	RED OAK
CLEBURNE	GRANBURY	ROCKWALL
COMBINE	GREENVILLE	ROYSE CITY
CORSICANA	HONEY GROVE	STRAWN
CRANDALL	ITALY	TERRELL
DALLAS	JEWETT	WAXAHACHIE
DENISON	LADONIA	WEATHERFORD
EASTLAND	MCKINNEY	WILLS POINT
EDGEWOOD	MIDLOTHIAN	WOLFE CITY

Associated Local Exchange Company Exchanges

Acton	Caddo Mills	Elkhart
Alba	Campbell	Emhouse
Alexander	Canton	Emory
Alvord	Carbon	Eustace
Argyle	Carlton	Evant
Athens	Carrollton	Fairfield
Avalon	Cash	Ferris
Azle	Cayuga	Flat
Bagwell	Celeste	Forestburg
Bardwell	Centerville	Frankston
Bartonville	Chandler	Frost
Bell-Savoy	Chico	Garland
Ben Franklin	Collinsville	Gatesville
Ben Wheeler	Commerce	Glen Rose
Birthright	Como	Godley
Blooming Grove	Cooper	Gordonville
Blossom	Covington	Gorman
Blue Ridge (Collin Co.)	Cresson	Graford
Bluffdale	Cross Plains	Grand Saline
Blum	Cumby	Grandview
Bogota	Dallas/Ft. Worth Airport	Grapevine
Bonham	De Leon	Gunter
Boonsville	Decatur	Hamilton
Boyd	Denton	Hico
Brashear	Deport	Howe
Bridgeport	Desdemona	Irving
Bristol	Detroit	Jackson
Brownsboro	Dorchester	Jonesboro
Buffalo (Leon Co.)	Dublin	Joplin
Bullard	Ector	Josephine

**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)**

**B. List of Local Access and Transport Areas (cont'd)**

*Dallas LATA (552) (cont'd)*

Associated Local Exchange Company Exchanges (cont'd)

Justin	Oakland	Santo
Kaufman	Oakwood	Scurry
Keller	Olden	Sherley
Kemp	Palestine	Sherman
Kerens	Palmer	Sidney
Koon Kreek	Palo Pinto	Slidell
Kopperl	Paluxy	Slocum
Krum	Paradise	Springtown
Lake Dallas	Payne Springs	Stephenville
Lake Palestine East	Pecan Gap	Streetman
Lakeside Village	Perrin	Sulphur Springs
Leona	Pickton	Sunset
Leonard	Pilot Point	Tawakoni
Lewisville	Plano	Telephone
Lipan	Point	Tennessee Colony
Lone Oak	Ponder	Tioga
Mabank	Possom Kingdom Lake	Tolar
Malakoff	Pottsville	Tom Bean
Marquez	Proctor	Tool-Seven Points
Martin Mills	Purdon	Trenton
May	Quinlan	Trinidad
Maypearl	Reno	Troup
Merit	Rhome	Tucker
Milford	Rice	Valley View
Miller Grove	Richland	Valley View East
Millsap	Rio Vista	Van Alstyne
Montalba	Rising Star	Venus
Morgan	Roane	Walnut Springs
Muenster	Rosser	Weaver
Murchison	Rosston	Whitesboro
Myra	Rowlett	Whitewright
Myrtle Springs	Roxton	Wilmer
Neches	Runaway Bay	Windom
Negley	Saint Jo	Wylie
Nevada	Sanger	Yantis

*El Paso LATA (540)*

ANTHONY	CLINT	EL PASO
CANUTILLO		

Associated Local Exchange Company Exchanges

Dell City	Fort Hancock	Queen, N.M.
Desert Haven	Guadalupe Peak	Timberon, N. M.
Fabens	Mile High	

**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)**

**B. List of Local Access and Transport Areas (cont'd)**

*Hearne LATA (includes associated Bryan Market Area Local Exchange Company Exchanges) (570)*

CALVERT

HEARNE

Associated Bryan Market Area Local Exchange Company Exchanges

Borden	Giddings	Northrup
Bryan	High Hill	Plum
Caldwell	Hostyn	Schulenburg
Deanville	Kurten	Snook-Tunis
Dime Box	La Grange	Somerville
Fayetteville	Lexington	Warrenton
Franklin	Moravia	Weimar

*Houston LATA (560)*

ALVIN	EL CAMPO	PRAIRIE VIEW
ANGLETON	FREEPORT	RICHMOND-ROSENBERG
BAY CITY	GALVESTON	SAN AUGUSTINE
BELLVILLE	GARWOOD	SEALY
BRENHAM	HEMPSTEAD	SMITHERS LAKE
CENTER	HOUSTON	SPLENDORA
CHIRENO	HUNTSVILLE	SPRING
CLEVELAND	LIBERTY	TEXAS CITY-LA MARQUE
CLUTE-LAKE JACKSON	LIVERPOOL	TIMPSON
COLUMBUS	MADISONVILLE	TOMBALL
CORRIGAN	MATAGORDA	VALLEY LODGE
CYPRESS	NACOGDOCHES	WALLER
DAYTON	PINEHURST	WHARTON
EAGLE LAKE	PORT BOLIVAR	

*(continued on next page)*

**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)****B. List of Local Access and Transport Areas (cont'd)***Houston LATA (560) (cont'd)*Associated Local Exchange Company Exchanges (cont'd)

Alto	Grangerland (Conroe)	Oakhurst
Anderson	Grapeland	Old Ocean
Apple Springs	Groveton	Onalaska
Arcola	Hardin	Pennington
Atascocita	Highlands	Plantersville
Austonio	Hilltop Lakes	Porter
Bacliff	Hitchcock-Santa Fe	Porter Heights
Batson	Hudson (Angelina Co.)	Raywood
Baytown	Huffman	Reklaw
Beach City	Hull	Richards
Beasley	Humble-South Humble	River Brook (Conroe)
Bedias	Huntington	Rosharon
Blanchard	Huxley	Ruby
Boling-New Gulf	Industry	Saratoga
Brazoria-Churchill	Iola	Segno
Broadus	Joaquin	Shepherd
Brookshire	Katy	Shiro
Burton	Kemah	Stafford
Carmine	Kennard	Sugar Land
Central	Kingwood	Sweeny
Chester	Lake Conroe (Conroe)	Teneha
Coldsprings	League City	Trinity
Conroe	Livingston	Waldon (Montgomery)
Crockett	Louise	Wallis
Crosby	Lovelady	Washington
Cushing	Lufkin	Waterwood
Cut N" Shoot (Conroe)	Markham	Wells
Damon	Memorial Point	West Columbia
Devers	Montgomery (Montgomery Co.)	Willis
Dibol	Mont Belvieu	Zavalla
Dickinson	Nassau Bay	
Etoile	Navasota	
Evergreen	Needville	
Fuller Springs	New Ulm	
Garrison	New Waverly	
Glen Flora	Normagee	
Goodrich	North Zulch	

**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)****B. List of Local Access and Transport Areas (cont'd)***Longview LATA (554)*ATLANTA  
CARTHAGE  
DEADWOOD  
JEFFERSON  
LINDALE-SWANLONGVIEW  
MARSHALL  
MINEOLA  
MT. PLEASANTOMAHA  
OWENTOWN  
PITTSBURG  
TYLERAssociated Local Exchange Company ExchangesAnnona  
Arp  
Avery  
Avinger  
Beckville  
Bettie  
Big Sandy  
Bloomburg  
Clarksville  
Cypress Springs  
Daingerfield  
De Berry  
Dekalb  
Doddridge, Ark.  
Douglasville  
Dry Creek  
Elysian Fields  
Fouke, Ark.  
Garland, Ark.  
Gary  
Gilmer  
Gladebranch  
Gladewater  
Golden  
Good Springs  
HallsvilleHarleton  
Hawkins  
Henderson  
Hooks  
Hudson (Cherokee Co.)  
Hughes Springs  
Jacksonville  
Jim Hogg  
Karnack  
Kilgore  
Laneville  
Linden  
Lone Star  
Marietta  
Maud  
Maydelle  
Mims  
Minden  
Mount Enterprise  
Mount Vernon  
Naples  
New Boston  
New London  
New Summerfield  
Oak Hill  
Ore CityOverton  
Pine Acres  
Pine Hill  
Pine Mills  
Price  
Pritchett  
Quitman  
Red Springs (Smith Co.)  
Redwater  
Rosewood  
Rusk  
Sandy Creek  
Simms  
Talco  
Tatum  
Texarkana  
Texarkana, Ark.  
Trigg, Ark.  
Turnertown  
Uncertain  
Van  
Waskom  
Whitehouse  
Winfield  
Winnsboro  
Wynne

**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)**

**B. List of Local Access and Transport Areas (cont'd)**

*Lubbock LATA (544)*

FLOYDADA  
HALE CENTER

LOCKNEY  
LUBBOCK

PLAINVIEW  
SLATON

Associated Local Exchange Company Exchanges

Abernathy  
Acuff  
Afton  
Amherst  
Anton  
Arnett  
Aten  
Ausborne  
Bean  
Brownfield  
Bula  
Caprock  
Cone  
Cotton Center  
County Line  
Crosbyton  
Denver City  
Dickens  
Dry Lake  
Earth  
Edmondson  
Elkins  
Fieldton  
Fletcher Carter  
Girard  
Hackmont  
Halfway  
Happy Union  
Hatch  
Higginbotham  
Hollandville

Hurlwood  
Idalou  
Jayton  
Kress  
Lamesa  
Lariat  
Lazbuddie  
Lehman  
Levelland  
Littlefield  
Loop  
Lorenzo  
Maple  
Matador  
McAdoo  
Meadow  
Merrell  
Morton  
Muleshoe  
Needmore  
Nelms  
New Home  
O'Donnell  
Olten  
Paducah  
Patricia  
Peacock  
Petersburg  
Pettit  
Plains  
Post

Punkin Center  
Ralls  
Ransom Canyon  
Redmon  
Roaring Springs  
Ropesville  
Seagraves  
Shallowater  
Silverton  
Smyer  
Southland  
Spade  
Springlake  
Spur  
Sudan  
Sundown  
Tahoka  
Tulis  
Union  
Verbena  
Vigo Park  
West Lakes  
Wheatley  
White Face  
White River  
Whitharral  
Wilson  
Wolfforth  
Woodrow

**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)**

**B. List of Local Access and Transport Areas (cont'd)**

*Midland LATA (542)*

ALPINE	KERMIT	ODESSA
BIG SPRING	MARATHON	PYOTE
CRANE	MARFA	RANKIN
FORT DAVIS	McCAMEY	SEMINOLE
FORT STOCKTON	MIDKIFF	STANTON
GOLDSMITH	MIDLAND	TERMINAL
GRANDFALLS	MONAHANS	WINK
IRAAN		

Associated Local Exchange Company Exchanges

Ackerly	Heath Canyon	Saint Lawrence
Alamito	Imperial	Sand Springs
Andrews	Lajitas	Sanderson
Balmorhea	Langtry	Sheffield
Big Bend Nat'l Park	Lenorah	Sierra Blanca
Big Canyon	Lomax	Six Shooter
Calamity Creek	Luther	Terlinqua
Coahoma	Mentone	Toyah
Comstock	Orla	Valentine
Coyanosa	Pecos	Van Horn
Forsan	Presidio	Vincent
Frankel City	Redford	West Stanton
Garden City		

*San Angelo Market Area Local Exchange Company Exchanges (not associated with any LATA) (961)*

Ballinger	Goldthwaite	Paint Rock
Bangs	Gustine	Pontotoc
Barnhart	Junction	Priddy
Bend	Katemcy	Richland Springs
Big Lake	Kingsland	Robert Lee
Big Valley	Lake Brownwood	Rochelle
Blanket	Lake Coleman	Rockwood
Bradshaw	Llano	Rowena
Brady	Locker	San Angelo
Bronte	Lohn	San Saba
Brownwood	London	Santa Anna
Burkett	Mason	Sonora
Carlsbad	Melvin	Star
Cherokee	Menard	Sterling City
Christoval	Mercury	Streeter
Coleman	Mertzon	Tow
Comanche	Miles	Valera
Crews	Mozelle	Voca
Doole	Mullen	Water Valley
Eden	Newburg	Wingate
Eldorado	Norton	Winters
Eola	Ozona	Zephyr
Fredonia		

**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)**

**B. List of Local Access and Transport Areas (cont'd)**

*San Antonio LATA (566)*

ASHERTON	DEVINE	MEDINA LAKE
BANDERA	EAGLE PASS	NEW BRAUNFELS
BATESVILLE	ENCINAL	PEARSALL
BIG WELLS	HONDO	PIPE CREEK
BRACKETTVILLE	KARNES CITY- FALLS CITY	PLEASANTON
CAMBELLTON	KENEDY	POTEET
CARRIZO SPRINGS	La COSTE	RUNGE
CASTROVILLE	La PRYOR	SABINAL
CATARINA	LAREDO	SAN ANTONIO
CHRISTINE	LULING	SEGUIN
COTULLA	LYTLE	UVALDE
CRYSTAL CITY	MARION	

Associated Local Exchange Company Exchanges

Artesia Wells	Garven Store	Mountain Home
Balcones	Gillett	Nixon
Barksdale	Gonzales	Poth
Blanco	Granite Shoals	Rocksprings
Boerne	Hancock	Round Mountain
Bulverde	Harper	Sabina
Camp Wood	Hunt	San Miguel
Center Point	Ingram	Sattler
Charlotte	Johnson City	Saturn
Comfort	Jourdanton	Sisterdale
Cost	Kenberg	Smiley
Cranes Mill	Kerrville	Smithson's Valley
D'Hanis	Kingsbury	Somerset
Del Rio	Knippa	Stockdate
Dilley	Kosciusko	Stonewall
Doss	Lavernia	Sutherland Springs
Floresville	Leesville	Tarpley
Fowlerton	Marble Falls	Utopia
Fredericksburg	Medina	Vinegarron
Frio Canyon	Millett	Willow City



**LOCAL ACCESS AND TRANSPORT AREAS (cont'd)**

**B. List of Local Access and Transport Areas (cont'd)**

*Waco LATA (556)*

BARTLETT	MARLIN	TEAGUE
BELTON	MERIDAN	TEMPLE
CAMERON	MEXIA	TROY
HILLSBORO	OGLESBY	WACO
ITASCA	REAGAN	WORTHAM

Associated Local Exchange Company Exchanges

Ben Hur	Fort Hood	Nolanville
Brandon	Groesbeck	Oenaville
Bremond	Heidenheimer	Prairie Hill
Buckholts	Holland	Reisel
Burlington	Hubbard	Rogers
Bynum	Iredell	Rosebud
Chilton	Irene	Salado
Clifton	Killeen	Sandy
Coolidge	Kosse	Tehuacaha
Copperas Cove	Lake Whitney	Thornton
Cranfills Gap	Little River	Turnersville
Crawford	Lott	Valley Mills
Dawson	Malone	Whitney
Donie	Moffat	Zabcikville
Florence	Mount Calm	

*Wichita Falls LATA (548)*

BELLEVUE	CHILLICOTHE	JACKSBORO
BOWIE	GRAHAM	QUANAH
BURKBURNETT	HENRIETTA	VERNON
CHILDRESS	IOWA PARK	WICHITA FALLS

Associated Local Exchange Company Exchanges

Archer City	Jermyn	Oklaunion
Aspermont	Joy	Olney
Benjamin	Kamay	Orth
Blue Grove	Kirkland	Petrolia
Bonita	Knox City	Ringgold
Bryson	Lake Arrowhead	Rochester
Byers	Lake Kemp	Rule
Cee Vee	Lake Kickapoo	Scotland
Charlie	Loving	Seymour
Crowell	Medicine Mound	Spanish Fort
Elbert	Megargel	Thalia
Electra	Montague	Throckmorton
Eliasville	Munday	Truscott
Goodlett	Newcastle	Weinert
Haskell	Nocona	Windthorst
Holliday	Odell	Woodson

**LIST OF V-H COORDINATES**

**A. General**

1. As set forth in **REGULATIONS (FOR ANALOG PRIVATE LINE SERVICES)**, the rate distance between any two primary serving offices or other serving offices is determined from vertical (V) and horizontal (H) coordinates. Listed below are the V-H coordinates for determination of private line mileage.
2. The primary serving office is listed first for each exchange. V-H coordinates for these offices are shown to the left of the exchange as "Interexchange V-H" for use in determination of mileage between exchanges. "Intraexchange V-H" coordinates for use in determination of interoffice mileage within exchanges and between zones of a metropolitan exchange are shown to the right of the associated serving office codes.
3. The exchanges are arranged to indicate those of the Company (shown in all capital letters, i.e., ABILENE) and those of other local exchange companies (LECs) (shown with initial capital letter, i.e., San Angelo).
4. Texas LATA designations for Company exchanges are indicated as follows: Abilene-ABLN; Amarillo-AMRL; Austin-AUST; Beaumont-BUMT; Brownsville-BWVL; Corpus Christi-CRCH; Dallas-DLLS; El Paso-ELPS; Hearne-HERN; Houston-HSTN; Longview-LGVW; Lubbock-LBCK; Midlan-MDLD; San Antonio-SNAN; Waco-WACO; Wichita Falls-WCFL. LATA association of LEC exchanges is also indicated.
5. Texas market area designations for LECs are indicated as follows: Bryan-BRYN; San Angelo-SANG. The Bryan market area LEC exchanges are associated with the Company's Hearne LATA as intraLATA exchanges for the determination of private line mileage. The San Angelo market area LEC exchanges are not associated with any Company LATA.

**B. List of V-H Coordinates**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8546	4978	Abernathy	LBCK	806	298	--	--
8698	4513	ABILENE	ABLN	915	222 <sup>/1/</sup> ,575, 668,670,1,2, 3,4,5,6,7, 690,1,2,5 6,8	8698	4513
8808	4863	Ackerly	MDLD	915	353	--	--
8564	4161	Acton	DLLS	817	326	--	--
8581	4925	Acuff	LBCK	806	842	--	--
8827	4153	ADAMSVILLE	AUST	512	768	--	--

/1/ MicroLink I

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8406	4048	ADDISON	DLLS	214	233,9,308, 338,383,5,6,7, 392,404,419, 448,450,8, 490,591,661, 684,701,2, 715,6,770, 788,851,934		
8299	5220	Adrian	AMRL	806	538	--	--
8499	4798	Afton	LBCK	806	689	--	--
9513	3830	Agua Dulce	CRCH	512	998	--	--
8912	3560	AIRLINE	HSTN	713	445,7,8,591, 820,847,878, 931,999		(See Houston)
9421	5113	Alamito	MDLD	915	358	--	--
8352	3836	Alba	DLLS	903	765	--	--
8614	4458	ALBANY	ABLN	915	762	--	--
8908	3542	ALDINE	HSTN	713	442,9,590, 985,6,7		(See Houston)
8508	4165	ALEDO	DLLS	817	441		(See Fort Worth)
8677	4219	Alexander	DLLS	817	764	--	--
9533	3855	ALICE	CRCH	512	660,4,8	--	--
8970	3570	ALIEF	HSTN	713	495,8,530, 561,4,8,575, 879,933,983		(See Houston)
8364	4040	ALLEN	DLLS	214	390,727	--	--
8080	4814	ALLISON	AMRL	806	375	--	--
9364	5057	ALPINE	MDLD	915	837	--	--
8540	3648	Alto	HSTN	409	858	--	--
8541	4074	ALVARADO	DLLS	817	783,790	--	--
8994	3487	ALVIN	HSTN	713	331,388,585	--	--
8382	4234	Alvord	DLLS	817	427	--	--
8266	5075	AMARILLO	AMRL	806	220 <sup>/1/</sup> ,320,345, 371,2,3,4,6, 8,9,677,8,9	8266	5075
					381,3	8256	5073
					335,477	8253	5048
					352,3,4,5,6, 8,9	8274	5080
					622	8288	5062

/1/ MicroLink I

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8543	5090	Amherst	LBCK	806	246	--	--
8884	3418	Anahuac	BUMT	409	267	--	--
8836	3708	Anderson	HSTN	409	873	--	--
8897	4993	Andrews	MDLD	915	523,4	--	--
9059	3499	ANGLETON	HSTN	409	848,9	9059	3499
					922	9041	3489
8306	4039	ANNA	DLLS	214	924	--	--
9474	3901	Annarose	CRCH	512	566	--	--
8145	3785	Annona	LGWW	903	697	--	--
8648	4566	ANSON	ABLN	915	823	--	--
9186	5691	ANTHONY	ELPS	915	886	9031	5156
			ELPS	505	(N.M. 882)	9186	5691
8570	5031	Anton	LBCK	806	997	--	--
8959	3480	APOLLO	HSTN	713	218,244, 280,2,3,6, 480,3,6,8	(See Houston)	
8616	3592	Apple Springs	HSTN	409	831	--	--
9437	3704	Aransas Pass	CRCH	512	758	--	--
8396	4410	Archer City	WCFL	817	574	--	--
8992	3531	Arcola	HSTN	713	431	--	--
8394	4128	Argyle	DLLS	817	464	--	--
8467	4084	ARLINGTON	DLLS	817	226,261,5, 273,4,5,6,7, 356,366,376, 432,4,452,9, 460,1,9,543, 8,588,679, 792,4,5, 843,856,860, 1,998	(See Fort Worth)	
				214	806	(See Fort Worth)	
				817	425,449,465, 7,8,472,493, 9,557,667, 671,784	(See Fort Worth)	
					450,620,1, 633,640,9, 652,695	(See Fort Worth)	

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9631	3739	Armstrong	CRCH	512	216	--	--
8650	5037	Arnett	LBCK	806	297	--	--
8423	3691	Arp	LGWV	903	859	--	--
9510	4117	Artesia Wells	SNAN	210	676	--	--
9510	4215	ASHERTON	SNAN	210	468	--	--
8589	4650	Aspermont	WCFL	817	989	--	--
8875	3524	Atascocita	HSTN	713	812,852	--	--
8721	4893	Aten	LBCK	806	439	--	--
8484	3826	Athens	DLLS	903	675,7	--	--
8182	3618	ATLANTA	LGWV	903	796	--	--
8344	4110	AUBREY	DLLS	817	365,440	--	--
8684	5013	Ausborne	LBCK	806	585	--	--
AUSTIN METROPOLITAN EXCHANGE							
9004	3997	AUSTIN ZONE	AUST	512	320,2,370, 390,7,403,4, 463,9,471,2, 3,4,5,6,7,8, 9,480,2,495, 9,505,860,7, 870,941	9004	3997
					314,327,8,9	9006	4012
					338,343,5,6, 794,5	8984	4011
					247,356,369, 385,6,9	9007	3984
					326,416,440, 1,2,3,4,5,7, 8,462	9012	3997
					206,9,323,371, 406,450,1,2,3,4, 8,9,465,7,483	8993	3999
					339,823,832, 4,5,6,7,8, 873,908,973	8978	3996

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange V	H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
AUSTIN METROPOLITAN <u>EXCHANGE</u> (cont'd)							
9004	3997	AUSTIN ZONE (cont'd)	AUST	512	891,2	9017	4009
					919,926,8,9	8994	3987
					984	8986	4026
<u>OTHER ZONES</u> AUST							
9011	4035	- BEE CAVES		512	263	9011	4035
					261	9002	4046
9010	4059	- BEE CREEK		512	264	9010	4059
9026	4025	- CEDAR VALLEY		512	288	9026	4025
9034	3976	- CREEDMOOR		512	243	9034	3976
9013	3963	- GARFIELD		512	247	9013	3963
8973	4026	- JOLLYVILLE		512	219,250,8, 331,5	8973	4026
8979	4054	- LAKE TRAVIS		512	267	8979	4054
8949	4042	- LEANDER		512	259	8949	4042
9035	3999	- MANCHACA		512	280,2,292	9035	3999
8977	3970	- MANOR		512	272	8977	3970
8990	4033	- MARSHALL FORD		512	266	8990	4033
8962	3990	- PFLUGERVILLE		512	251,990	8962	3990
8952	4004	- ROUND ROCK		512	214,8,244, 255,388	8952	4004
8996	3963	- WEBBERVILLE		512	276	8996	3963
8673	3703	Austonio	HSTN	409	624	--	--
8550	3987	Avalon	DLLS	214	627	--	--
8141	3757	Avery	LGWV	903	684	--	--
8254	3665	Avinger	LGWV	903	562	--	--
8675	3967	AXTELL	WACO	817	863	(See Waco)	
8465	4171	Azle	DLLS	817	444	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9209	4088	BABCOCK	SNAN	210	456,498,558,561, 641,690,1,4, 6,7,9		(See San Antonio)
8960	3450	Bacliff	HSTN	713	339,559	--	--
8146	3832	Bagwell	DLLS	903	925	--	--
8688	4450	Baird	ABLN	915	854	--	--
9169	4121	Balcones	SNAN	210	755,981	--	--
8855	4498	Ballinger	SANG	915	365	--	--
9240	5115	Balmorhea	MDLD	915	375	--	--
8903	3577	BAMMEL	HSTN	713	440,4,537, 580,3,6,7,893 775,872,3,4, 5,6		(See Houston)
9205	4190	BANDERA	SNAN	210	460,796	--	--
8807	4352	Bangs	SANG	915	752	--	--
8532	3975	Bardwell	DLLS	214	646	--	--
8955	3595	BARKER	HSTN	713	492,578,9,647		(See Houston)
9269	4362	Barksdale	SNAN	210	234	--	--
9055	4667	Barnhart	SANG	915	876	--	--
8877	3985	BARTLETT	WACO	817	527	--	--
8391	4117	Bartonville	DLLS	817	455	--	--
9007	3909	BASTROP	AUST	512	321,332	--	--
9398	4228	BATESVILLE	SNAN	210	376	--	--
8782	3445	Batson	HSTN	409	262	--	--
9135	3578	BAY CITY	HSTN	409	241,4,5	--	--
9403	3729	BAYSIDE	CRCH	512	529	--	--
8912	3466	Baytown	HSTN	713	420,2,5,7,8, 837 424,838 421,839	8912 8909 8894	3466 3479 3472
8901	3452	Beach City	HSTN	713	383,573	--	--
8396	4930	Bean	LBCK	806	847	--	--
9028	3612	Beasley	HSTN	409	387	--	--
8777	3344	BEAUMONT	BUMT	409	654,757,832, 3,5,8,9,880 892,8,9 860,6 841,2	8777 8773 8786 8790	3344 3355 3353 3348
8377	3591	Beckville	LGVV	903	678	--	--
8776	3723	Bedias	HSTN	409	395	--	--
9011	4035	BEE CAVES	AUST	512	263 261		(See Austin) (See Austin)
9010	4059	BEE CREEK	AUST	512	264		(See Austin)

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9379	3849	BEEVILLE	CRCH	512	319,354,8,362	--	--
8348	4310	BELLEVUE	WCFL	817	928	--	--
8243	4029	Bells-Savoy	DLLS	903	965	--	--
8964	3710	BELLVILLE	HSTN	409	865	--	--
8827	4010	BELTON	WACO	817	933,9	--	--
9588	3907	BENAVIDES	CRCH	512	256	--	--
8505	4141	BENBROOK	DLLS	817	249	(See Fort Worth)	
8890	4197	Bend	SANG	915	628	--	--
8225	3918	Ben Franklin	DLLS	903	325	--	--
8686	3919	Ben Hur	WACO	817	789	--	--
8472	4609	Benjamin	WCFL	817	454	--	--
8427	3820	Ben Wheeler	DLLS	903	833	--	--
9343	3832	Berclair	CRCH	512	439	--	--
8932	4090	Bertram	AUST	512	355	--	--
8301	3725	Bettie	LGWW	903	762	--	--
9549	4905	Big Bend Natl. Park	MDLD	915	477	--	--
9298	4802	Big Canyon	MDLD	915	753	--	--
9062	4723	Big Lake	SANG	915	884	--	--
8357	3731	Big Sandy	LGWW	903	636	--	--
8847	4800	BIG SPRING	MDLD	915	263,4,7,270	--	--
8831	4239	Big Valley	SANG	915	938	--	--
9471	4191	BIG WELLS	SNAN	210	457	--	--
8251	3865	Birtright	DLLS	903	945	--	--
9547	3794	Bishop	CRCH	512	584	--	--
8808	4590	Blackwell	ABLN	915	282	--	--
8718	3565	Blanchard	HSTN	409	967	--	--
9086	4104	Blanco	SNAN	210	833	--	--
8765	4302	Blanket	SANG	915	748	--	--
9175	3614	Blessing	CRCH	512	588	--	--
8169	3602	Bloomburg	LGWW	903	728	--	--
8569	3965	Blooming Grove	DLLS	903	695	--	--
9269	3716	Bloomington	CRCH	512	897	--	--
8161	3869	Blossom	DLLS	903	982	--	--
8351	4348	Blue Grove	WCFL	817	895	--	--
8306	4011	Blue Ridge (Collin Co.)	DLLS	214	752	--	--
8980	3542	BLUE RIDGE (FORT BEND CO.)	HSTN	713	437,8,835 436	(See Houston) (See Houston)	
8606	4211	Bluffdale	DLLS	817	728	--	--
8606	4086	Blum	DLLS	817	874	--	--



**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9168	4133	Boerne	SNAN	210	249,816	--	--
8188	3823	Bogata	DLLS	903	632	--	--
9077	3597	Boling- New Gulf	HSTN	409	657	--	--
8234	3996	Bonham	DLLS	903	583	--	--
8295	4248	Bonita	WCFL	817	987	--	--
8612	3320	Bon Wier	BUMT	409	397	--	--
7936	4946	Booker	AMRL	806	658	--	--
8451	4240	Boonsville	DLLS	817	748	--	--
9046	3767	Borden	BRYN	409	263	--	--
8146	5033	BORGER	AMRL	806	273,4,5	--	--
8467	5205	Bovina	AMRL	806	238	--	--
8351	4275	BOWIE	WCFL	817	872	--	--
8426	4183	Boyd	DLLS	817	433	--	--
8228	5166	Boys Ranch	AMRL	806	534	--	--
9177	4046	BRACKEN	SNAN	210	651	(See San Antonio)	
9377	4399	BRACKETTVILLE	SNAN	210	563	--	--
8779	4515	Bradshaw	SANG	915	767	--	--
8938	4344	Brady	SANG	915	597	--	--
8595	4002	Brandon	WACO	817	632	--	--
8293	3882	Brashear	DLLS	903	582	--	--
9092	3513	Brazoria-Churchill	HSTN	409	798	9092	3513
					964	9113	3501
8582	4393	BRECKENRIDGE	DLLS	817	559	--	--
8752	3881	Bremond	WACO	817	746	--	--
8932	3752	BRENHAM	HSTN	409	277,830,6	--	--
8774	3295	BRIDGE CITY	BUMT	409	734,5	--	--
8416	4233	Bridgeport	DLLS	817	683	--	--
8893	4076	Briggs	AUST	512	489	--	--
8485	3970	Bristol	DLLS	214	666	--	--
8547	3478	Broaddus	HSTN	409	872	--	--
8520	3438	Bronson	BUMT	409	586	--	--
8847	4569	Bronte	SANG	915	473	--	--
8973	3642	Brookshire	HSTN	713	375,934	--	--
8705	5007	Brownfield	LBCK	806	637,8	--	--
8449	3794	Brownsboro	DLLS	903	852	--	--
9861	3606	BROWNSVILLE	BWVL	210	405,504,7,541, 2,4,6,8,9,551, 570,806,982,6	9861	3606
					831,838	9847	3593
					350	9842	3621

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8797	4327	Brownwood	SANG	915	643,6,7	--	--
9652	3971	BRUNI	CRCH	512	747	--	--
8827	3788	Bryan	BRYN	409	361,775,7,9, 820,1,2,3, 260,8,845,6, 7,862 693,6,764 774,6 690 778	8827	3788  8836 3780 8835 3774 8825 3780 8842 3760 8819 3792
8468	4335	Bryson	WCFL	817	392	--	--
8958	4152	Buchanan Dam	AUST	512	793	--	--
8840	3937	Buckholts	WACO	817	593	--	--
9051	3999	Buda	AUST	512	295,312	--	--
9252	4048	BUENA VISTA	SNAN	210	627	(See San Antonio)	
8958	3577	BUFFALO (HARRIS CO.)	HSTN	713	293,493,6,7, 531,544,556,8, 560,584,8,9, 596,7,870	(See Houston)	
8646	3799	Buffalo (Leon Co.)	DLLS	903	322	--	--
8737	4515	Buffalo Gap	ABLN	915	572	--	--
8577	5115	Bula	LBCK	806	933	--	--
8460	3730	Bullard	DLLS	903	894	--	--
9161	4075	Bulverde	SNAN	210	438,980	--	--
8697	3349	BUNA	BUMT	409	994	--	--
8140	5293	Bunkerhill	AMRL	806	377	--	--
8290	4440	BURKBURNETT	WCFL	817	569	--	--
8758	4390	Burkett	SANG	915	624	--	--
8563	3349	Burkeville	BUMT	409	565	--	--
8520	4105	BURLESON	DLLS	817	295,447	(See Fort Worth)	
8803	3930	Burlington	WACO	817	869	--	--
8940	4120	Burnet	AUST	512	756	--	--
8943	3787	Burton	HSTN	409	289	--	--
8272	4374	Byers	WCFL	817	529	--	--
8613	4004	Bynum	WACO	817	623	--	--
8107	5167	Cactus	AMRL	806	966	--	--
8340	3961	Caddo Mills	DLLS	903	527	--	--
9481	3773	CALALLEN	CRCH	512	241,2	(See Corpus Christi)	
9424	5021	Calamity Creek	MDLD	915	364	--	--
8880	3834	Caldwell	BRYN	409	567	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8788	3865	CALVERT	HERN	409	364	--	--
8835	3910	CAMERON	WACO	817	697	--	--
8304	3921	Campbell	DLLS	903	862	--	--
9350	3975	CAMPBELLTON	SNAN	210	256,579	--	--
9279	4354	Camp Wood	SNAN	210	597	--	--
8036	4882	CANADIAN	AMRL	806	323	--	--
8414	3858	Canton	DLLS	903	567	--	--
9206	5685	CANUTILLO	ELPS	915	877	9206	5685
			ELPS	505	(N.M. 874)	9206	5685
8317	5075	CANYON	AMRL	806	655,6	--	--
8576	4877	Caprock	LBCK	806	649	--	--
8677	4344	Carbon	DLLS	817	639	--	--
8925	4605	Carlsbad	SANG	915	465	--	--
8703	4201	Carlton	DLLS	817	785	--	--
8955	3797	Carmine	HSTN	409	278	--	--
9500	4240	CARRIZO SPRINGS	SNAN	210	876	--	--
8406	4069	Carrollton	DLLS	214	242,5,323, 389,446,466, 394,492 306,7 416,7,8	8406 8394 8392 8405	4069 4070 4064 4063
8385	3564	CARTHAGE	LGVV	903	693	--	--
8348	3934	Cash	DLLS	903	883	--	--
9266	4126	CASTROVILLE	SNAN	210	538,931	--	--
9519	4182	CATARINA	SNAN	210	999	--	--
8543	3826	Cayuga	DLLS	903	499	--	--
8486	4046	CEDAR HILL	DLLS	214	291,3,9	(See Dallas)	
9026	4025	CEDAR VALLEY	AUST	512	288	(See Austin)	
8383	4769	Cee Vee	WCFL	817	585	--	--
8291	3974	Celeste	DLLS	903	568	--	--
8327	4076	CELINA	DLLS	214	382	--	--
8443	3505	CENTER	HSTN	409	598	--	--
9159	4200	Center Point	SNAN	210	634	--	--
8682	3768	Centerville	DLLS	903	536	--	--
8565	3581	Central	HSTN	409	853	--	--
8438	3772	Chandler	DLLS	903	849	--	--
8915	3496	CHANNELVIEW	HSTN	713	452,7,860	(See Houston)	
8196	5190	Channing	AMRL	806	235	--	--
9303	3852	Charco	CRCH	512	269	--	--
8274	4398	Charlie	WCFL	817	544	--	--
9353	4059	Charlotte	SNAN	210	277	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8929	4223	Cherokee	SANG	915	622	--	--
8648	3503	Chester	HSTN	409	969	--	--
8402	4246	Chico	DLLS	817	644	--	--
8328	4743	CHILDRESS	WCFL	817	937	--	--
8319	4613	CHILLICOTHE	WCFL	817	852	--	--
8755	3960	Chilton	WACO	817	546	--	--
8801	3381	CHINA	BUMT	409	752	--	--
8698	4031	CHINA SPRING	WACO	817	836	(See Waco)	
8512	3517	CHIRENO	HSTN	409	362	--	--
9356	4015	CHRISTINE	SNAN	210	264,784	--	--
8999	4553	Christoval	SANG	915	896	--	--
8662	4377	CISCO	DLLS	817	442	--	--
8266	4896	Clarendon	AMRL	806	874	--	--
8147	3809	Clarksville	LGWV	903	427	--	--
9489	3762	CLARKWOOD	CRCH	512	265	(See Corpus Christi)	
8258	4987	Claude	AMRL	806	226	--	--
8563	4102	CLEBURNE	DLLS	817	556,8,641,5	--	--
8331	5071	Cleta	AMRL	806	488	--	--
8801	3540	CLEVELAND	HSTN	713	592,3	--	--
8690	4088	Clifton	WACO	817	675	--	--
9252	5599	CLINT	ELPS	915	851	--	--
8980	3583	Clodine	HSTN	713	276,7	(See Sugar Land)	
9085	3482	CLUTE-LAKE	HSTN	409	265,6	9085	3482
		JACKSON			297,9	9085	3491
8691	4468	Clyde	ABLN	915	893	--	--
8827	4776	Coahoma	MDLD	915	394	--	--
8754	3567	Coldspring	HSTN	409	653	--	--
8117	5253	Coldwater	AMRL	806	333,384	--	--
8804	4413	Coleman	SANG	915	625	--	--
8287	4117	Collinsville	DLLS	903	429	--	--
8638	3471	Colmesneil	BUMT	409	837	--	--
8781	4706	COLORADO CITY	ABLN	915	728	--	--
9032	3740	COLUMBUS	HSTN	409	732	--	--
8735	4275	Comanche	SANG	915	356	--	--
8458	3970	COMBINE	DLLS	214	474,6	--	--
9145	4179	Comfort	SNAN	210	995	--	--
8280	3921	Commerce	DLLS	903	468,886	--	--
8288	3832	Como	DLLS	903	488	--	--
9351	4563	Comstock	MDLD	915	292	--	--
9625	3880	Concepcion	CRCH	512	539	--	--
8528	4897	Cone	LBCK	806	657	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange V	H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
8832	3600	Conroe	HSTN	409	525,539,756, 760,788 264 231 273,321 588	8832 8819 8837 8848 8835	3600 3583 3576 3592 3630
8632	3925	Coolidge	WACO	817	786	--	--
8241	3896	Cooper	DLLS	903	395	--	--
8845	4092	Copperas Cove	WACO	817	542,7	--	--
<u>CORPUS CHRISTI METROPOLITAN EXCHANGE</u>							
9477	3738	CORPUS CHRISTI ZONE	CRCH	512	560,880,1,2, 3,4,6,7,8,9  289	9477  9481	3738  3754
					215,808,812,4, 850,1,2,3,4, 5,7,877,8	9489	3735
					991,2,3,4	9492	3724
<u>OTHER ZONES</u> CRCH							
9481	3773	- CALLEN		512	241,2	9481	3773
9489	3762	- CLARKWOOD		512	265	9489	3762
9493	3709	- FLOUR BLUFF		512	937,9	9493	3709
9499	3692	- PADRE ISLAND		512	949	9499	3692
8652	3549	CORRIGAN	HSTN	409	398	--	--
8551	3923	CORSICANA	DLLS	903	654,872,4	--	--
9158	3893	Cost	SNAN	210	437	--	--
8523	5015	Cotton Center	LBCK	806	879	--	--
9476	4120	COTULLA	SNAN	210	879	--	--
8553	5002	County Line	LBCK	806	757	--	--
8942	3949	Coupland	AUST	512	856	--	--
8589	4065	Covington	DLLS	817	854	--	--
9148	5012	Coyanosa	MDLD	915	343	--	--

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8444	3964	CRANDALL	DLLS	214	427,472	--	--
9073	4896	CRANE	MDLD	915	558	--	--
9126	4058	Cranes Mill	SNAN	210	899,905	--	--
8709	4131	Cranfills Gap	WACO	817	597	--	--
8730	4045	Crawford	WACO	817	486	--	--
9034	3976	CREEDMOOR	AUST	512	243	(See Austin)	
8543	4156	Cresson	DLLS	817	396	--	--
8803	4482	Crews	SANG	915	723	--	--
8634	3685	Crockett	HSTN	409	544	--	--
8882	3498	Crosby	HSTN	713	328	--	--
8548	4862	Crosbyton	LBCK	806	675	--	--
8727	4389	Cross Plains	DLLS	817	725	--	--
8387	4627	Crowell	WCFL	817	684	--	--
8516	4115	CROWLEY	DLLS	817	297	(See Fort Worth)	
9466	4246	CRYSTAL CITY	SNAN	210	374	--	--
9209	3823	CUERO	CRCH	512	275	--	--
9223	4092	CULEBRA	SNAN	210	509,520,1, 2,3,543,647, 680,1,4,706	(See San Antonio)	
8297	3901	Cumby	DLLS	903	994	--	--
8489	3620	Cushing	HSTN	409	326	--	--
8917	3612	CYPRESS	HSTN	713	256,373	--	--
8271	3791	Cypress Springs	LGWW	903	860	--	--
8240	3704	Daingerfield	LGWW	903	645	--	--
9062	3938	Dale	AUST	512	764	--	--
8129	5249	Dalhart	AMRL	806	249	--	--
DALLAS METROPOLITAN EXCHANGE							
8432	4033	DALLAS ZONE	DLLS	214	815 <sup>/1/</sup> ,8,820,1, 3,4,6,7,8, 841,4,996	8432	4033
					312,330,1,3, 7,9,467	8453	4043
					319,320,1,4, 7,8	8422	4023

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**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange V	H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
DALLAS METROPOLITAN EXCHANGE (cont'd)							
8432	4033	DALLAS ZONE	DLLS	214	340,1,2,3,8, 9,503,553	8411	4029
					350,1,2,3,7, 8,902,4,956	8425	4049
					265,345,360, 1,3,8,9,373, 691,2,6,706, 739,750,768, 890,1,987	8418	4040
					302,371,2,4, 5,6	8453	4027
					275,381,8	8431	4016
					309,391,8	8441	4010
					421,6,8,565	8438	4030
					443,520,1, 2,3,6,8,559	8430	4039
					267,590,630, 1,4,7,8,640, 678,688,9,819, 879,905,920, 951	8435	4050
					268,290,325, 464,508,573, 651,2,3, 5,8,670,698, 703,712,741, 2,4,5,6,7,8, 9,760,1,7, 939,976,7	8437	4035

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange	LATA	NPA	Serving Office	Intraexchange	
V	H	Or Zone				V	H
<u>DALLAS METROPOLITAN EXCHANGE</u> (cont'd)							
8432	4033	DALLAS ZONE (cont'd)	DLLS	214	220,720,740, 754,812,855, 871,880,922, 953,4,969, 978,9,999	8435	4035
					941,2,3,4, 6,8	8445	4036
<u>OTHER ZONES</u>			DLLS				
8406	4048	- ADDISON		214	233,9,308, 338,383,5,6,7, 392,404,419, 448,450,8, 490,591,661, 684,701,2, 715,6,770, 788,851,934, 960,980,991	8406	4048
8486	4046	- CEDAR HILL		214	291,3,9	8486	4046
8467	4027	- DANIELDALE		214	224,8	8467	4027
8482	4028	- DESOTO		214	217,223,230	8482	4028
8470	4043	- DUNCANVILLE		214	283,296,8, 708,9,780	8470 8414	4043 4064
		- FARMERS BRANCH		214	241,3,7,277, 280,406,484, 620,888,919	8414	4064
				214	401,2,432,444, 506,556,830, 869	8424	4069



**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange V	H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
<u>OTHER ZONES</u> DLLS (cont'd)							
8456	4064	- GRAND PRAIRIE		214	229,237, 249,260,2,3, 4,6,9,282, 397,504, 558,616, 642,799, 975	8456	4064
					204,305,314, 322,332,6,410, 451,601,2,3, 6,9,622,641, 7,660,676, 787,909, 933,949, 988		
8457	4009	- HUTCHINS		214	225	8463	4072
8470	4015	- LANCASTER		214	218,227	8457	4009
8431	3989	- LAWSON		214	222	8470	4015
8425	4000	- MESQUITE		214	216,284,5,8, 9,329	8431	3989
8418	4011	- NORTH MESQUITE		214	270,9,613, 681,2,6	8425	4000
8397	4057	- RENNER		214	248,250,380, 407,713,733, 931	8418	4011
8398	4037	- RICHARDSON		214	231,4,5,8, 301,437,470, 480,497,644, 669,680,690, 9,705,783, 907,917,8, 952,994,5,7	8397	4057
					286,557	8398	4037
8443	4000	- RYLIE		214	287	8443	4000
8445	3982	- SEAGOVILLE		214	203,226	8445	3982
8414	3997	- SUNNYVALE		214		8414	3997

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8431	4084	Dallas-Fort Worth Airport	DLLS	214	425,453,6, 574,615	--	--
<u>DAMON METROPOLITAN EXCHANGE</u>							
9058	3562	Damon	HSTN	409	742	9058	3562
<u>OTHER ZONE</u> HSTN							
9033	3552	- Pecan Bend		409	553	9033	3552
8467	4027	DANIELDALE	DLLS	214	224,8	(See Dallas)	
7924	4912	Darrouzett	AMRL	806	624	--	--
8354	5129	Dawn	AMRL	806	258	--	--
8610	3948	Dawson	WACO	817	578	--	--
8845	3478	DAYTON	HSTN	409	258	--	--
8374	3529	DEADWOOD	LGWV	903	622	--	--
8903	3837	Deanville	BRYN	409	535	--	--
8342	3548	De Berry	LGWV	903	766	--	--
8399	4206	Decatur	DLLS	817	627	--	--
8929	3490	DEER PARK	HSTN	713	246,476,8, 9,884,930	(See Houston)	
8138	3728	DeKalb	LGWV	903	667	--	--
8689	4279	De Leon	DLLS	817	893	--	--
9129	5438	Dell City	ELPS	915	964	--	--
9649	4151	Delores	SNAN	512	417,799	--	--
9399	4490	Del Rio	SNAN	210	306,313,703 719,774,5 298	9399	4490
8225	4071	DENISON	DLLS	903	415,463,5	--	--
8372	4127	Denton	DLLS	817	380,1,2,3, 7,565,6, 891,8	9394	4470
8781	5088	Denver City	LBCK	806	592	--	--
8184	3846	Deport	DLLS	903	652	--	--
8656	4294	Desdemona	DLLS	817	758	--	--
9186	5557	Desert Haven	ELPS	915	988	--	--

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8482	4028	DESOTO	DLLS	214	217,223,230	(See Dallas)	
8153	3849	Detroit	DLLS	903	674	--	--
8824	3425	Devers	HSTN	409	549	--	--
9311	4114	DEVINE	SNAN	210	663,665	--	--
8773	3355	DEWEYVILLE	BUMT	409	746	--	--
9299	4195	D'Hanis	SNAN	210	363	--	--
8611	3558	Diboll	HSTN	409	829	--	--
8529	4792	Dickens	LBCK	806	623	--	--
8972	3457	Dickinson	HSTN	713	337,534	--	--
9425	4126	Dilley	SNAN	210	965	--	--
8939	3836	Dime Box	BRYN	409	884	--	--
8427	5109	Dimmitt	AMRL	806	647	--	--
8247	4736	Dodson	AMRL	806	493	--	--
9649	4151	Dolores	SNAN	210	417,799	--	--
8656	3828	Donie	WACO	817	359	--	--
9849	3728	DONNA	BWVL	210	461,464	--	--
8902	4411	Doole	SANG	915	483	--	--
8280	4077	Dorchester	DLLS	903	476	--	--
9063	4246	Doss	SNAN	210	669	--	--
8896	3401	Double Bayou	BUMT	409	252	--	--
8181	3655	Douglasville	LGWV	903	846	--	--
9044	4052	Dripping Springs	AUST	512	858,894	--	--
8337	3809	Dry Creek	LGWV	903	878	--	--
8563	4797	Dry Lake	LBCK	806	294	--	--
8681	4244	Dublin	DLLS	817	445	--	--
8141	5144	Dumas	AMRL	806	922,930,5	--	--
8470	4043	DUNCANVILLE	DLLS	214	283,296,8, 708,9,780	(See Dallas)	
9042	3693	EAGLE LAKE	HSTN	409	234	--	--
8458	4158	EAGLE MT. LAKE	DLLS	817	236	(See Fort Worth)	
					489	(See Fort Worth)	
9505	4370	EAGLE PASS	SNAN	210	757,758,773	9505	4370
8498	5104	Earth	LBCK	806	257	--	--
9034	3639	East Bernard	HSTN	409	335	--	--
8339	5276	East Glenrio	AMRL	806	575	--	--
8846	5112	East Hobbs	NMEX	915	297	--	--
8904	3522	EAST HOUSTON	HSTN	713	458,9	(See Houston)	

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8649	4352	EASTLAND	DLLS	817	629	--	--
8241	4010	Ector	DLLS	903	961	--	--
9818	3721	EDCOUCH	BWVL	210	262	--	--
8765	3994	EDDY	WACO	817	859	(See Waco)	
8956	4439	Eden	SANG	915	869	--	--
8505	4110	EDGECLIFF	DLLS	817	293,551,568	(See Fort Worth)	
8389	3872	EDGEWOOD	DLLS	903	896	--	--
9831	3759	EDINBURG	BWVL	210	316,8,330,380, 1,2,3,4,607	--	--
8458	5009	Edmondson	LBCK	806	864	--	--
9186	3698	EDNA	CRCH	512	782	--	--
8484	4450	Elbert	WCFL	817	862	--	--
9115	3649	EL CAMPO	HSTN	409	541,3	--	--
9076	4547	Eldorado	SANG	915	853	--	--
8326	4494	Electra	WCFL	817	495	--	--
8964	3936	ELGIN	AUST	512	285	--	--
8533	4386	Eliasville	WCFL	817	362	--	--
8581	3731	Elkhart	DLLS	903	764	--	--
8387	4991	Elkins	LBCK	806	668	--	--
8954	3496	ELLINGTON	HSTN	713	481,4,922,9 487,998	(See Houston)	
9180	4074	ELM CREEK	SNAN	210	497	(See San Antonio)	
9249	4022	ELMENDORF	SNAN	210	635	(See San Antonio)	
9231	5655	EL PASO	ELPS	915	220 <sup>/1/</sup> ,521, 532,3,8, 541,2,3,4, 5,6,9,747	9231	5655
			ELPS	915	562,4,5,6, 8,9,680	9222	5652
			ELPS	915	751,5,7	9204	5651
			ELPS	915	821,2	9191	5652
			ELPS	915	540,772,4, 5,8,9	9225	5643
			ELPS	915	591,2,3,4, 5,8,9	9225	5630
			ELPS	915	590,858,9,860	9237	5618
			ELPS	915	855,7	9219	5617
			ELPS	915	852	9230	5600
			ELPS	915	581,4,5,833	9220	5676

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LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9219	5567	El Paso County Line					
9826	3911	El Sauz	BWVL	210	486	--	--
8331	3554	Elysian Fields	LGWV	903	633	--	--
8545	3946	Emhouse	DLLS	903	354	--	--
8346	3867	Emory	DLLS	903	473	--	--
9564	4112	ENCINAL	SNAN	210	948	--	--
9700	3805	Encino	CRCH	512	568	--	--
8515	3968	ENNIS	DLLS	214	875,8	--	--
8933	4496	Eola	SANG	915	469	--	--
8318	4791	Estelline	AMRL	806	888	--	--
8547	3513	Etoile	HSTN	409	854	--	--
8445	4088	EULESS	DLLS	817	267,283,354, 5,540,5,571, 685,858,868 268,280,2,5 931,952,6, 963 967	(See Fort Worth) (See Fort Worth) (See Fort Worth) (See Fort Worth)	
8476	3861	Eustace	DLLS	903	425	--	--
8723	3362	EVADALE	BUMT	409	276	--	--
8791	4165	Evant	DLLS	817	471	--	--
8775	3589	Evergreen	HSTN	409	767	--	--
9267	5579	Fabens	ELPS	915	764	--	--
8602	3839	Fairfield	DLLS	903	388,9	--	--
8527	3382	Fairmount	BUMT	409	579	--	--
9845	3956	FALCON HEIGHTS	BWVL	210	848	--	--
9645	3827	Falfurrias	CRCH	512	325	--	--
8819	3355	FANNETT	BUMT	409	794	--	--
8414	4064	FARMERS BRANCH	DLLS	214	241,3,7,277, 280,406,484, 620,888,919 401,2,432,444, 506,556,830, 869	(See Dallas) (See Dallas)	
8330	3991	FARMERSVILLE	DLLS	214	782	--	--
8503	5221	Farwell	AMRL	806	481	--	--
9002	3780	Fayetteville	BRYN	409	378	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office		Intraexchange	
V	H				V	H		
9109	3962	Fentress	AUST	512	488	--	--	
8477	3992	Ferris	DLLS	214	544	--	--	
8529	5068	Fieldton	LBCK	806	262	--	--	
8990	3568	First Colony	HSTN	713	265,9,980	(See Sugar Land)		
8789	4060	Flat	DLLS	817	487	--	--	
9078	3838	FLATONIA	CRCH	512	865	--	--	
8681	4898	Fletcher Carter	LBCK	806	327	--	--	
8414	4860	Flomot	AMRL	806	469	--	--	
8893	4051	Florence	WACO	817	793	--	--	
9261	3979	Floresville	SNAN	210	216,391,393	--	--	
9493	3709	FLOUR BLUFF	CRCH	512	937,9	(See Corpus Christi)		
8485	4903	FLOYDADA	LBCK	806	983	--	--	
7916	4880	Follett	AMRL	806	653	--	--	
8337	4223	Forestburg	DLLS	817	964	--	--	
8420	3976	FORNEY	DLLS	214	552,564	--	--	
8869	4773	Forsan	MDLD	915	457	--	--	
9329	5115	FORT DAVIS	MDLD	915	426	--	--	
9292	5513	Fort Hancock	ELPS	915	769	--	--	
8832	4071	Fort Hood	WACO	817	286,7,8,532, 685	--	--	
9207	4954	FORT STOCKTON		MDLD	915 336	--	--	
<u>FORT WORTH METROPOLITAN EXCHANGE</u>								
8479	4123	FORT WORTH ZONE	DLLS	817	332,4,5,6,8, 9,347,390, 844,870, 1,7,8, 882,4,5	8479	4123	
					624,5,6,740	8474	4132	
					377,731,2,5, 7,8,762,3, 777,782	8487	4135	
					921,2,3,4,6,7	8488	4121	

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange V	H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
<b>FORT WORTH METROPOLITAN EXCHANGE</b>							
8479	4123	FORT WORTH ZONE (cont'd)	DLLS	817	531,4,5,6, 892,976	8480	4113
					831,4,8	8471	4119
					429,7,446, 451,496, 654,930	8475	4105
					284, 589,590,5	8458	4108
<b><u>OTHER ZONES</u> DLLS</b>							
8508	4165	- ALEDO		817	441	8508	4165
8467	4084	- ARLINGTON		817	226,261,5, 273,4,5,6,7, 356,366,376, 432,4,452,9, 460,1,9,543, 8,588,679, 792,4,5, 843,856,860, 1,998	8467	4084
				214	806	8467	4084
				817	425,449,465, 7,8,472,493, 9,557,667, 671,784	8480	4080
					450,620,1, 633,640,9, 652,695	8461	4077

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
<u>OTHER ZONES</u> DLLS (cont'd)							
8505	4141	- BENBROOK		817	249	8505	4141
8520	4105	- BURLESON		817	295,447	8520	4105
8516	4115	- CROWLEY		817	297	8516	4115
8458	4158	- EAGLE MT. LAKE		817	236	8458	4158
					489	8440	4170
8505	4110	- EDGECLIFF		817	293,551,568	8501	4113
8445	4088	- EULESS		817	267,283,354, 5,540,5,571, 685,858,868	8445	4088
					268,280,2,5	8453	4102
					931,952,6, 963	8445	4082
					967	8444	4084
8435	4144	- HASLET		817	439	8435	4144
8492	4097	- KENNEDALE		817	478,483,561, 572	8492	4097
8474	4146	- LAKE WORTH		817	237,8	8474	4146
8503	4076	- MANSFIELD		817	473,7,955	8503	4076
8451	4116	- NORTH RICHLAND HILLS	817		281,428,485, 498,577,581, 656	8451	4116
8423	4126	- ROANOKE		817	224,430,491, 837,890,961, 2	8423	4126
8458	4134	- SAGINAW		817	232,4,847	8458	4134
8487	4174	- SILVER CREEK		817	448	8487	4174
8501	4127	- WEDGWOOD		817	263,292,4, 346,370	8501	4127
8494	4147	- WESTLAND		817	244,448,560	8494	4147
8522	4150	- WHEATLAND		817	443	8522	4150
8486	4146	- WHITE SETTLEMENT		817	246,367,935	8486	4146
9224	4037	FOSTER	SNAN	210	648	(See San Antonio)	
9440	4046	Fowlerton	SNAN	210	373	--	--



**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8903	5037	Frankel City	MDLD	915	596	--	--
8766	3839	Franklin	BRYN	409	828	--	--
8490	3755	Frankston	DLLS	903	876	--	--
9198	4052	FRATT	SNAN	210	590,9,619, 637,646,650, 3,4,5,6,7, 871,967		(See San Antonio)
9079	4196	Fredericksburg	SNAN	210	997	--	--
8965	4288	Fredonia	SANG	915	429	--	--
9096	3468	FREEPORT	HSTN	409	233,5,8,9	--	--
9547	3965	FREER	CRCH	512	394	--	--
8969	3489	FRIENDSWOOD	HSTN	713	482,992,6		(See Houston)
8402	5135	Frio	AMRL	806	276	--	--
9252	4315	Frio Canyon	SNAN	210	232	--	--
8432	5185	Friona	AMRL	806	247	--	--
8364	4069	FRISCO	DLLS	214	334,5,377,731 292,4 370,624,5	8364 8373 8379	4069 4095 4077
8163	5066	Fritch	AMRL	806	857	--	--
8579	3979	Frost	DLLS	903	682	--	--
8584	3546	Fuller Springs	HSTN	409	824	--	--
8740	4833	Gail	ABLN	806	756,856	--	--
8291	4162	GAINESVILLE	DLLS	817	665,8	--	--
8985	3397	GALVESTON	HSTN	409	739,761,2,3, 5,6,770,1,2 740,4 737	8985 8992 9013	3397 3402 3416
9163	3679	Ganado	CRCH	512	771	--	--
8926	4776	Garden City	MDLD	915	354	-	--
9013	3963	GARFIELD	AUST	512	247		(See Austin)
8399	4019	Garland	DLLS	214	205,272,6, 485,7,494 271,8,840,864 414,495,530 240,303	8399 8404 8392 8408	4019 4015 4024 4004
8462	3561	Garrison	HSTN	409	347	--	--
9183	4326	Garven Store	SNAN	210	640	--	--
9074	3694	GARWOOD	HSTN	409	758	--	--
8413	3557	Gary	LGWV	903	685	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8771	4089	Gatesville	DLLS	817	865	--	--
8927	4014	Georgetown	AUST	512	818,9,863,9	--	--
9419	3910	George West	CRCH	512	449	--	--
9221	4111	GERONIMO CREEK	SNAN	210	688	(See San Antonio)	
8674	4019	GHOLSON	WACO	817	829	(See Waco)	
8968	3848	Giddings	BRYN	409	542	--	--
9238	3915	Gillett	SNAN	210	789	--	--
8317	3716	Gilmer	LGWV	903	843	--	--
8572	4742	Girard	LBCK	806	284	--	--
8251	3796	Gladebranch	LGWV	903	588	--	--
8354	3698	Gladewater	LGWV	903	845	--	--
9078	3649	Glen Flora	HSTN	409	677	--	--
8612	4155	Glen Rose	DLLS	817	897	--	--
8553	4134	Godley	DLLS	817	389	--	--
8360	3818	Golden	LGWV	903	768	--	--
8970	4983	GOLDSMITH	MDLD	915	827	--	--
8822	4235	Goldthwaite	SANG	915	648	--	--
9301	3807	GOLIAD	CRCH	512	645	--	--
9137	3884	Gonzales	SNAN	210	672	--	--
8327	4682	Goodlett	WCFL	817	674	--	--
8272	4982	Goodnight	AMRL	806	944	--	--
8736	3535	Goodrich	HSTN	409	365	--	--
8444	3652	Good Springs	LGWV	903	854	--	--
8591	4284	GORDON	DLLS	817	693	--	--
8238	4127	Gordonville	DLLS	903	523	--	--
8676	4311	Gorman	DLLS	817	734	--	--
8504	4295	Graford	DLLS	817	664	--	--
8492	4365	GRAHAM	WCFL	817	549,550	--	--
8572	4178	GRANBURY	DLLS	817	573,579	--	--
9117	4980	GRANDFALLS	MDLD	915	547	--	--
8456	4064	GRAND PRAIRIE	DLLS	214	229,237,249, 260,2,3, 4,6,9,282, 397,504, 558,616,642, 799, 975	(See Dallas)	

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8456	4064	GRAND PRAIRIE (cont'd)	DLLS	214	204,305,314, 322,332,6, 410,451,601, 2,3,6,9,622, 641,7,660, 676,787,909, 933,949,988		(See Dallas)
8382	3842	Grand Saline	DLLS	903	962	--	--
8566	4059	Grandview	DLLS	817	866	--	--
8894	3978	Granger	AUST	512	859	--	--
8991	4130	Granite Shoals	SNAN	210	598	--	--
8602	3702	Grapeland	HSTN	409	687	--	--
8425	4094	Grapevine	DLLS	817	329,421,4, 481,8	--	--
8317	3949	GREENVILLE	DLLS	903	408,454,5,7	--	--
8671	3886	Groesbeck	WACO	817	729	--	--
8225	4951	Groom	AMRL	806	248	--	--
8661	3605	Groveton	HSTN	409	642	--	--
8025	5078	GRUVER	AMRL	806	733	--	--
9105	5359	Guadalupe Peak	ELPS	915	828	--	--
8299	4081	Gunter	DLLS	903	433	--	--
8331	5071	Gurley	AMRL	806	764	--	--
8734	4237	Gustine	SANG	915	667	--	--
7981	5105	Guymon, Okla.	AMRL	806	339	--	--
8451	4713	Hackmont	LBCK	806	596	--	--
8499	4996	HALE CENTER	LBCK	806	839	--	--
8481	5022	Halfway	LBCK	806	889	--	--
9114	3789	HALLETTSVILLE	CRCH	512	798	--	--
8702	3966	HALLSBURG	WACO	817	875		(See Waco)
8334	3632	Hallsville	LGWV	903	668	--	--
8680	4497	Hamby	ABLN	915	548	--	--
8744	4177	Hamilton	DLLS	817	386	--	--
8635	4614	HAMLIN	ABLN	915	576	--	--
8836	3361	Hamshire	BUMT	409	243	--	--
9110	4054	Hancock	SNAN	210	906,935	--	--
8862	3417	Hankamer	BUMT	409	374	--	--
8362	5046	Happy	AMRL	806	558	--	--
8495	4972	Happy Union	LBCK	806	895	--	--
8812	3460	Hardin	HSTN	409	298	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9791	3742	Hargill	BWVL	210	845	--	--
8300	3648	Harleton	LGWV	903	777	--	--
9819	3664	HARLINGEN	BWVL	210	290,1,390, 412,421,3, 5,7,8,430,760	--	--
9101	4267	Harper	SNAN	210	864	--	--
8449	5065	Hart	AMRL	806	938	--	--
8160	5217	Hartley	AMRL	806	365	--	--
8555	4567	Haskell	WCFL	817	864	--	--
8435	4144	HASLET	DLLS	817	439	(See Fort Worth)	
8765	4906	Hatch	LBCK	806	497	--	--
8363	3746	Hawkins	LGWV	903	769	--	--
8670	4540	Hawley	ABLN	915	537	--	--
8802	3846	HEARNE	HERN	409	279	--	--
9516	4841	Heath Canyon	MDLD	915	376	--	--
9664	3932	HEBBRONVILLE	CRCH	512	527	--	--
8264	4852	Hedley	AMRL	806	856	--	--
8824	3979	Heidenheimer	WACO	817	983	--	--
9203	4112	HELOTES	SNAN	210	695	(See San Antonio)	
8511	3413	Hemphill	BUMT	409	787	--	--
8923	3691	HEMPSTEAD	HSTN	409	826	--	--
8420	3640	Henderson	LGWV	903	655,7	--	--
8323	4354	HENRIETTA	WCFL	817	538	--	--
8378	5143	HEREFORD	AMRL	806	363,4	--	--
8725	4707	HERMLEIGH	ABLN	915	863	--	--
8680	4183	Hico	DLLS	817	796	--	--

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8799	5124	Higginbotham	LBCK	806	732	--	--
7974	4838	Higgins	AMRL	806	852,862	--	--
9058	3808	High Hill	BRYN	409	561	--	--
8902	3350	High Island	BUMT	409	286	--	--
8902	3488	Highlands	HSTN	713	426,843	--	--
8612	4029	HILLSBORO	WACO	817	582	--	--
8736	3794	Hilltop Lakes	HSTN	409	855	--	--
8992	3454	Hitchcock- Santa Fe	HSTN	409	925 986	8992 8992	3454 3441
8859	3986	Holland	WACO	817	657	--	--
8539	4968	Hollandville	LBCK	806	328	--	--
8357	4439	Holliday	WCFL	817	586	--	--
9285	4174	HONDO	SNAN	210	426,741	--	--
8215	3950	HONEY GROVE	DLLS	903	378	--	--
8122	3668	Hooks	LGWW	903	547	--	--
9032	3817	Hostyn	BRYN	409	247	--	--

HOUSTON METROPOLITAN  
EXCHANGE

8936	3536	HOUSTON ZONE	HSTN	713	216,220,1,2, 3,4,5,6,7,8,9, 236,7,8,241, 7,250,546,7, 755,844	8936	3536
					413,433,4	8971	3533
					450,1,3,5	8922	3509
					460,2,690, 744,895,939	8930	3572
					461,4,5,7,8, 722,7,827, 932,5,8, 949,973,984	8942	3566

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange V	Exchange H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
HOUSTON METROPOLITAN <u>EXCHANGE</u> (cont'd)							
8938	3536	HOUSTON ZONE	HSTN	713	472,3,5,7, 740,920	8935	3506
					284,5,390, 520,1,2,3,4, 5,6,7,8,9, 535,620,630, 8,9,737,831, 4,942	8943	3540
					235,296,7, 439,552,599, 616,621,2,3,4,5, 6,7,9,693,768, 9,808,833,840, 1,6,850,871,7, 888,891,2, 940,960,1,3, 4,5,6,8,971, 982,9,993	8946	3550
					631,3,5,6	8915	3533
					640,1,3,4,5, 9,845	8945	3519
					245,567,646, 650,1,2,3,4, 5,6,7,8,9,739, 750,1,2,3,4, 6,7,8,9,836, 853,951,969	8938	3537
					295,432, 660,1,2,3,4, 5,6,7,8,9	8952	3546
					670,1,2,3,4, 5,6,8,9	8927	3526
					606,612,3,680, 1,2,3,4,5,6, 7,8,956,7	8930	3560

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange V	H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
HOUSTON METROPOLITAN <u>EXCHANGE</u> (cont'd)							
8938	3536	HOUSTON ZONE (Cont'd)	HSTN	713	691,2,4,5,6, 7,9	8921	3544
					551,721,3,6, 8,9	8965	3547
					731,2,3,4,8	8954	3526
					741,3,6,7,8,9	8949	3534
					270,1,2,414, 541,771,2,3,4, 6,7,8,9,976, 981,8,995	8963	3558
					260,6,7,8, 536,698, 717,735,761,2, 5,780,1,2, 3,4,5,6,7,8, 9,917,952,3,4, 972,4,5,7,8, 994	8952	3563
					677,745,770, 790,1,2,3,4, 5,6,7,8,9	8952	3539
					549,720,802, 861,2,3,4, 5,6,7,8,9, 880,3,6	8933	3545
					921,3,4,6,8, 967	8936	3525
					941,3,4,5,6, 7,8	8947	3504
					991	8959	3513

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange V	H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
HOUSTON METROPOLITAN <u>EXCHANGE</u> (cont'd)							
<u>OTHER ZONES</u> HSTN							
8912	3560	- AIRLINE		713	445,7,8,591, 820,847,878, 931,999	8912	3560
8908	3542	- ALDINE		713	442,9,590, 985,6,7	8908	3542
8970	3570	- ALIEF		713	495,8,530, 561,4,8,575, 879,933,983	8970	3570
8959	3480	- APOLLO		713	218,244,280,2, 3,6,480,3,6,8	8959	3480
8903	3577	- BAMMEL		713	440,4,537, 580,3,6,7, 893	8903	3577
					775,872,3, 4,5,6	8904	3564
8955	3595	- BARKER		713	492,578,9, 647	8955	3595
8980	3542	- BLUE RIDGE		713	437,8,835 436	8980 8974	3542 3528
8958	3577	- BUFFALO		713	293,493,6, 7,531,544,556, 8,560,584,8,9, 596,870	8958	3577
8915	3496	- CHANNELVIEW		713	452,7,860	8915	3496
8929	3490	- DEER PARK		713	246,476,8, 9,884,930	8929	3490
8904	3522	- EAST HOUSTON		713	458,9	8904	3522
8954	3496	- ELLINGTON		713	481,4,922,9 487,998	8954 8942	3496 3491
8969	3489	- FRIENDSWOOD		713	482,992,6	8969	3489
8925	3581	- JERSEY VILLAGE		713	466,849, 896,937	8925	3581



LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange	LATA	NPA	Serving	Intraexchange	
V	H	Or Zone			Office	V	H
<u>OTHER ZONES</u>							
(cont'd)							
8904	3522	- LAKE HOUSTON		713	454	8904	3522
8936	3602	- LANGHAM CREEK		713	463,550, 855,6,9	8936	3602
8929	3470	- LA PORTE		713	470,1,842	8929	3470
8988	3512	- MANVEL		713	489	8988	3512
8970	3506	- PEARLAND		713	485,997	8970	3506
8917	3590	- SATSUMA		713	469,614,8, 890,4,7,955	8917	3590
8945	3462	- SEABROOK		713	291,474	8945	3462
8897	3504	- SHELDON		713	456	8897	3504
8892	3556	- WESTFIELD		713	230,3,443, 821	8892	3556
8277	4062	Howe	DLLS	903	532	--	--
8439	5165	Hub	AMRL	806	265	--	--
8623	3959	Hubbard	WACO	817	576	--	--
8584	3570	Hudson (Angelina Co.)	HSTN	409	635,875	--	--
8526	3670	Hudson (Cherokee Co.)	LGWV	903	743	--	--
8862	3514	Huffman	HSTN	713	324	--	--
8240	3686	Hughes Springs	LGWV	903	639	--	--
8806	3442	Hull	HSTN	409	536	--	--
8881	3539	Humble-South Humble	HSTN	713	446,540,8 441	8881	3539
9152	4263	Hunt	SNAN	210	238	--	--
8575	3529	Huntington	HSTN	409	422,876	--	--
8758	3650	HUNTSVILLE	HSTN	409	291,3,4,5	--	--
8608	4991	Hurlwood	LBCK	806	885	--	--
8457	4009	HUTCHINS	DLLS	214	225	(See Dallas)	
8937	3984	Hutto	AUST	512	759,846	--	--
8428	3452	Huxley	HSTN	409	368	--	--

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8571	4939	Idalou	LBCK	806	892	--	--
9121	4948	Imperial	MDLD	915	536	--	--
9256	4077	INDIAN CREEK	SNAN	210	623	(See San Antonio)	
8978	3568	Industrial Park	HSTN	713	240,274,5	(See Sugar Land)	
8975	3753	Industry	HSTN	409	357	--	--
9447	3711	Ingleside	CRCH	512	776	--	--
9146	4247	Ingram	SNAN	210	367	--	--
8788	3745	Iola	HSTN	409	394	--	--
8327	4445	IOWA PARK	WCFL	817	592	--	--
9147	4782	IRAAN	MDLD	915	639	--	--
8669	4154	Iredell	WACO	817	364	--	--
8601	3982	Irene	WACO	817	678	--	--
8440	4064	Irving	DLLS	214	251,3,4,9,273	8440	4064
					326,438,445,		
					554,579,721	8438	4061
					252,5,6,7,8,		
					261,413,570,		
					594,607,659	8435	4074
					281,541,650,		
					717,8,9,791	8429	4068
					621,915,6,		
					929	8422	4082
					313,399,513,		
					4,790,986	8442	4070
					518,550,580,		
					714,751	8428	4073
8561	4001	ITALY	DLLS	214	483	--	--
8585	4043	ITASCA	WACO	817	687	--	--
8442	4303	JACKSBORO	WCFL	817	567	--	--
8435	3861	Jackson	DLLS	903	848	--	--
8492	3709	Jacksonville	LGWV	903	586,9	--	--
8960	5073	Jal	NMEX	915	295	--	--
9266	4089	JARRATT	SNAN	210	622	(See San Antonio)	
8883	4016	Jarrell	AUST	512	746	--	--
8603	3399	JASPER	BUMT	409	384	8603	3399
					698	8565	3415

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8589	4718	Jayton	LBCK	806	237	--	--
8266	3617	JEFFERSON	LGWV	903	665	--	--
8448	4345	Jermyn	WCFL	817	342	--	--
8925	3581	JERSEY VILLAGE	HSTN	713	466,849,896, 937	--	(See Houston)
8674	3805	JEWETT	DLLS	903	626	--	--
8327	3799	Jim Hogg	LGWV	903	967	--	--
8402	3500	Joaquin	HSTN	409	269	--	--
9049	4115	Johnson City	SNAN	210	868	--	--
8973	4026	JOLLYVILLE	AUST	512	219,250,8, 331,5	--	(See Austin)
8745	4126	Jonesboro	DLLS	817	463	--	--
8455	4263	Joplin	DLLS	817	374	--	--
8345	3975	Josephine	DLLS	214	694	--	--
9332	4032	Jourdanton	SNAN	210	769	--	--
8373	4340	Joy	WCFL	817	476	--	--
9097	4373	Junction	SANG	915	446	--	--
8410	4145	Justin	DLLS	817	648	--	--
8354	4462	Kamay	WCFL	817	438	--	--
8271	3579	Karnack	LGWV	903	679	--	--
9294	3915	KARNES CITY	SNAN	210	780	9294	3915
					254	9282	3944
8978	4312	Katemcy	SANG	915	258	--	--
<u>KATY METROPOLITAN EXCHANGE</u>							
8965	3618	Katy	HSTN	713	371,391,4, 574	8965	3618
					347	8958	3611
					392,5,6	8967	3612
<u>OTHER ZONES</u>			HSTN				
8967	3612	- Waddell		713	392,5	8967	3612
8958	3611	- Williamsburg		713	347	8958	3611

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8442	3936	Kaufman	DLLS	214	932	--	--
8437	4124	Keller	DLLS	817	379,431	--	--
8956	3463	Kemah	HSTN	713	334,538	8956	3463
					326,532	8952	3465
8464	3909	Kemp	DLLS	903	498	--	--
8860	4107	Kempner	AUST	512	932	--	--
9146	4110	Kenberg	SNAN	210	336	--	--
9303	3900	KENEDY	SNAN	210	583	--	--
8605	3640	Kennard	HSTN	409	655	--	--
8492	4097	KENNEDALE	DLLS	817	478,483,561, 572		(See Fort Worth)
8526	3884	Kerens	DLLS	903	396	--	--
9024	5058	KERMIT	MDLD	915	586	--	--
8040	5205	Kerrick	AMRL	806	727	--	--
9143	4226	Kerrville	SNAN	210	257,739,792, 896	9143	4226
					895	9143	4234
8379	3674	Kilgore	LGWV	903	983,4,6	--	--
8832	4063	Killeen	WACO	817	289,290,520,6, 539,554,628, 634,680	8832	4063
					690,9	8836	4053
9135	3964	Kingsbury	SNAN	210	639	--	--
8974	4149	Kingsland	SANG	915	388	--	--
9566	3801	KINGSVILLE	CRCH	512	592,5	--	--
8868	3540	Kingwood	HSTN	713	348,358,9 360,1	8868	3540
						8863	3531
8648	3359	KIRBYVILLE	BUMT	409	423	--	--
8329	4713	Kirkland	WCFL	817	537	--	--
9328	4258	Knippa	SNAN	210	934	--	--
8508	4601	Knox City	WCFL	817	658	--	--
8505	3809	Koon Kreek	DLLS	903	338	--	--
8626	4098	Kopperl	DLLS	817	889	--	--
9254	3941	Kosciusko	SNAN	210	745	--	--
8720	3883	Kosse	WACO	817	375	--	--
8735	3405	KOUNTZE	BUMT	409	246	--	--
8432	5001	Kress	LBCK	806	684	--	--
8370	4149	Krum	DLLS	817	482	--	--
8796	3779	Kurten	BRYN	409	589	--	--
9072	3999	Kyle	AUST	512	268	--	--

## LIST OF V-H COORDINATES (cont'd)

## B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8810	3334	LA BELLE	BUMT	409	796	--	--
9242	4090	LACKLAND	SNAN	210	670,1,3,4,5, 7,8,9	--	-- (See San Antonio)
9269	4111	LACOSTE	SNAN	210	762,985	--	--
8248	3942	LADONIA	DLLS	903	367	--	--
9837	3685	La Feria	BWVL	210	797	--	--
9016	3813	La Grange	BRYN	409	968	--	--
9594	5003	Lajitas	MDLD	915	424	--	--
8349	4379	Lake Arrowhead	WCFL	817	528	--	--
8776	4341	Lake Brownwood	SANG	915	784	--	--
8764	4437	Lake Coleman	SANG	915	382	--	--
8383	4101	Lake Dallas	DLLS	817	497	--	--
8904	3522	LAKE HOUSTON	HSTN	713	454	--	-- (See Houston)
8399	4513	Lake Kemp	WCFL	817	357	--	--
8389	4442	Lake Kickapoo	WCFL	817	525	--	--
8464	3749	Lake Palestine East	DLLS	903	825	--	--
8638	4094	Lakeside Village	DLLS	817	775	--	--
8979	4054	LAKE TRAVIS	AUST	512	267	--	-- (See Austin)
8309	4844	Lakeview	AMRL	806	867	--	--
8660	4064	Lake Whitney	WACO	817	622	--	--
8474	4146	LAKE WORTH	DLLS	817	237,8	--	-- (See Fort Worth)
8779	4919	Lamesa	LBCK	817	872	--	--
8875	4137	LAMPASAS	AUST	512	556	--	--
8470	4015	LANCASTER	DLLS	214	218,227	--	-- (See Dallas)
8456	3630	Laneville	LGVV	903	863	--	--
8936	3602	LANGHAM CREEK	HSTN	713	463,550,855, 6,9	--	-- (See Houston)
9350	4644	Langtry	MDLD	915	291	--	--
8929	3470	LA PORTE	HSTN	713	470,1,842	--	-- (See Houston)
9414	4268	LA PRYOR	SNAN	210	365	--	--
9680	4098	LAREDO	SNAN	210	712,7,8,721, 2,3,4,5,6,7, 8,744,763,791	--	--
8512	5191	Lariat	LBCK	806	925	--	--
9781	3726	Lasara	BWVL	210	642	--	--
8079	5175	Lautz	AMRL	806	769	--	--
9213	3990	Lavernia	SNAN	210	253,779	--	--
9198	3655	La Ward	CRCH	512	872	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8763	4493	Lawn	ABLN	915	583	--	--
8431	3989	LAWSON	DLLS	214	222	(See Dallas)	
8489	5139	Lazbuddie	LBCK	806	965	--	--
8967	3468	League City	HSTN	713	332,8,554	--	--
8949	4042	LEANDER	AUST	512	259	(See Austin)	
9178	3926	Leesville	SNAN	210	424	--	--
8159	4917	LEFORS	AMRL	806	835	--	--
8645	5129	Lehman	LBCK	806	525	--	--
8860	4876	Lenorah	MDLD	915	459	--	--
8702	3760	Leona	DLLS	903	344	--	--
8279	3991	Leonard	DLLS	903	587	--	--
9188	4105	LEON SPRINGS	SNAN	210	698	(See San Antonio)	
8662	3985	LEROY	WACO	817	822	(See Waco)	
8629	5053	Levelland	LBCK	806	893,4,7	--	--
8398	4089	Lewisville	DLLS	214	219,221,420, 434,6 304,393,462, 471 539,724 315,6 317,8	8398	4089 4084 4102 4090 4097
8924	3881	Lexington	BRYN	409	773	--	--
8835	3463	LIBERTY	HSTN	409	336	--	--
8939	4060	LIBERTY HILL	AUST	512	515,778	--	--
8396	3774	LINDALE-SWAN	LGWV	903	881,2	--	--
8217	3643	Linden	LGWV	903	756	--	--
8574	4228	Lipan	DLLS	817	646	--	--
8558	5069	Littlefield	LBCK	806	385	--	--
8834	3988	Little River	WACO	817	982	--	--
9022	3483	LIVERPOOL	HSTN	713	393,581	--	--
8716	3543	Livingston	HSTN	409	327	--	--
8970	4199	Llano	SANG	915	247	--	--
8860	4285	Locker	SANG	915	623	--	--
9077	3954	LOCKHART	AUST	512	398	--	--
8465	4930	LOCKNEY	LBCK	806	652	--	--
8904	4372	Lohn	SANG	915	344	--	--
9205	3669	Lolita	CRCH	512	874	--	--
8870	4812	Lomax	MDLD	915	398	--	--
8859	4186	Lometa	AUST	512	752	--	--
9047	4352	London	SANG	915	475	--	--
8335	3906	Lone Oak	DLLS	903	662	--	--

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8257	3695	Lone Star	LGVV	903	656	--	--
8347	3661	LONGVIEW	LGVV	903	230,2,6,7,555, 738,753,7,8, 901,921 <sup>/1/</sup> 295,7,759 643 663	8347 8349 8363 8331	3661 3671 3641 3670
8767	5013	Loop	LBCK	806	487	--	--
8770	4679	Loraine	ABLN	915	737	--	--
8744	3994	LORENA	WACO	817	857	(See Waco)	
8562	4914	Lorenzo	LBCK	806	634	--	--
9826	3614	LOS FRESNOS	BWVL	210	233	--	--
8767	3948	Lott	WACO	817	584	--	--
9142	3667	Louise	HSTN	409	648	--	--
8670	3665	Lovelady	HSTN	409	636	--	--
8454	4365	Loving	WCFL	817	378	--	--
9591	3754	Loyola Beach	CRCH	512	297	--	--
8598	4962	LUBBOCK	LBCK	806	567,741,2,3, 4,7,761,2,3, 6,7, 770,7 784,791,2,3, 5,6,7,9 745,8 746 794,8	8598 8605 8611 8567 8619	4962 4970 4957 4971 4971
8620	4521	Lueders	ABLN	915	228	--	--
8575	3561	Lufkin	HSTN	409	632,3,4,7,9	--	--
9117	3933	LULING	SNAN	210	875	--	--
8754	3373	LUMBERTON	BUMT	409	755	--	--
8819	4819	Luther	MDLD	915	399	--	--
9782	3699	Lyford	BWVL	210	347	--	--
9286	4103	LYTLE	SNAN	210	709,772	--	--
9049	3952	Lytton Springs	AUST	512	559	--	--
8479	3882	Mabank-Gun Barrel City	DLLS	903	887	--	--
8740	3733	MADISONVILLE	HSTN	409	348	--	--
8504	3849	Malakoff	DLLS	903	489	--	--
8617	3981	Malone	WACO	817	533	--	--
9035	3999	MANCHACA	AUST	512	280,2,292	(See Austin)	
8977	3970	MANOR	AUST	512	272	(See Austin)	

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LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8503	4076	MANSFIELD	DLLS	817	473,7,955	(See Fort Worth)	
8988	3512	MANVEL	HSTN	713	489	(See Houston)	
8604	5162	Maple	LBCK	806	927	--	--
9371	4973	MARATHON	MDLD	915	386	--	--
8980	4115	Marble Falls	SNAN	210	693	--	--
9394	5121	MARFA	MDLD	915	729	--	--
8198	3686	Marietta	LGWV	903	835	--	--
9173	4012	MARION	SNAN	210	420,914	--	--
9147	3594	Markham	HSTN	409	843	--	--
8739	3931	MARLIN	WACO	817	883	--	--
8706	3816	Marquez	DLLS	903	529	--	--
8311	3602	MARSHALL	LGWV	903	926,7,930, 5,8	--	--
8990	4033	MARSHALL FORDAUST		512	266	(See Austin)	
8687	3940	MART	WACO	817	876	(See Waco)	
9097	3980	Martindale	AUST	512	357	--	--
9215	4045	MARTINEZ	SNAN	210	661,2,6	(See San Antonio)	
8438	3832	Martins Mills	DLLS	903	479	--	--
8787	4622	Maryneal	ABLN	915	288	--	--
9008	4296	Mason	SANG	915	347	--	--
8449	4815	Matador	LBCK	806	347	--	--
9193	3554	MATAGORDA	HSTN	409	863	--	--
9446	3839	MATHIS	CRCH	512	547	--	--
8153	3666	Maud	LGWV	903	585	--	--
8738	3316	MAURICEVILLE	BUMT	409	745	--	--
8741	4336	May	DLLS	817	259	--	--
8527	3700	Maydelle	LGWV	903	795	--	--
8544	4035	Maypearl	DLLS	214	435	--	--
8517	4828	McAdoo	LBCK	806	697	--	--
9855	3763	MCALLEN	BWVL	210	618,630,1,2, 8,644,682,6, 7,917,971,2, 843	9855 9877	3763 3761
9120	4853	MCCAMEY	MDLD	915	652	--	--
8660	4619	McCaulley	ABLN	915	962	--	--
9811	3817	McCook	BWVL	210	842	--	--
8966	3908	McDade	AUST	512	273	--	--
8746	4031	MCGREGOR	WACO	817	840	(See Waco)	
8340	4038	MCKINNEY	DLLS	214	529,540,2,7, 8,562,9, 837	8340 8320	4038 4038
8187	4868	MCLEAN	AMRL	806	779	--	--



LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8668	5007	Meadow	LBCK	806	539	--	--
8339	4621	Medicine Mound	WCFL	817	839	--	--
9202	4229	Medina	SNAN	210	589	--	--
9222	4157	MEDINA LAKE	SNAN	210	612,751	--	--
8445	4452	Megargel	WCFL	817	563	--	--
8943	4392	Melvin	SANG	915	286	--	--
8727	3566	Memorial Point	HSTN	409	566	--	--
8287	4821	Memphis	AMRL	806	259	--	--
9011	4407	Menard	SANG	915	396	--	--
9083	5137	Mentone	MDLD	915	377	--	--
9843	3701	MERCEDES	BWVL	210	514,565	--	--
8871	4333	Mercury	SANG	915	463	--	--
8668	4112	MERIDIAN	WACO	817	435	--	--
8314	3983	Merit	DLLS	903	776	--	--
8713	4564	Merkel	ABLN	915	928	--	--
8573	5000	Merrell	LBCK	806	873	--	--
9008	4614	Mertzon	SANG	915	835	--	--
8425	4000	MESQUITE	DLLS	214	216,284,5,8, 9,329	--	--
						(See Dallas)	
8634	3890	MEXIA	WACO	817	562	--	--
8096	4907	Miami	AMRL	806	868	--	--
8189	5280	Middlewater	AMRL	806	343	--	--
8995	4821	MIDKIFF	MDLD	915	535	--	--
8934	4890	MIDLAND	MDLD	915	221 <sup>/1/</sup> ,570, 682,3,4,5, 6,7,8	8934	4890
					520,2,694, 7,9,689	8940	4898
8509	4044	MIDLOTHIAN	DLLS	214	723,775	--	--
8481	3421	Milam	BUMT	409	625	--	--
8855	3878	Milano	AUST	512	455	--	--
9277	5430	Mile High	ELPS	915	986	--	--
8899	4528	Miles	SANG	915	468	--	--
8580	4007	Milford	DLLS	214	493	--	--
8320	3885	Miller Grove	DLLS	903	459	--	--
9445	4123	Millett	SNAN	210	378	--	--
8525	4239	Millsap	DLLS	817	682	--	--
8356	5150	Milo Center	AMRL	806	578	--	--
8275	3658	Mims	LGWV	903	755	--	--
8440	3615	Minden	LGWV	903	898	--	--

/1/ MicroLink I

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8368	3802	MINEOLA	LGVV	903	569	--	--
8520	4261	MINERAL WELLS	DLLS	817	325,8	--	--
9660	4001	Mirando City	CRCH	512	586	--	--
9861	3781	MISSION	BWVL	210	519,580,1,4,5	--	--
8122	4862	Mobeetie	AMRL	806	845	--	--
9591	4053	Modeona	SNAN	210	418	--	--
8800	4021	Moffat	WACO	817	986	--	--
9066	5005	MONAHANS	MDLD	915	943	--	--
8323	4261	Montague	WCFL	817	894	--	--
8542	3778	Montalba	DLLS	903	549	--	--
8883	3462	Mont Belvieu	HSTN	713	576	8883	3462
					385	8882	3460
8835	3649	Montgomery	HSTN	409	597	8835	3649
		(Montgomery Co.)			582	8828	3633
8770	4014	MOODY	WACO	817	853	(See Waco)	
8641	4423	Moran	ABLN	915	945	--	--
9085	3799	Moravia	BRYN	409	562	--	--
8644	4111	Morgan	DLLS	817	635	--	--
8622	5129	Morton	LBCK	806	266	--	--
8723	4080	Mosheim	WACO	817	945	--	--
9102	3835	MOULTON	CRCH	512	596	--	--
9135	4275	Mountain Home	SNAN	210	866	--	--
8647	3966	Mount Calm	WACO	817	993	--	--
8458	3602	Mount Enterprise	LGVV	903	822	--	--
8232	3756	MOUNT	LGVV	903	572,7	--	--
		PLEASANT					
8246	3801	Mount Vernon	LGVV	903	537	--	--
8849	4408	Mozelle	SANG	915	357	--	--
8302	4203	Muenster	DLLS	817	759	--	--
8518	5157	Muleshoe	LBCK	806	272	--	--
8808	4260	Mullen	SANG	915	985	--	--
8489	4570	Munday	WCFL	817	422	--	--
8464	3814	Murchison	DLLS	903	469	--	--
8303	4191	Myra	DLLS	817	727,736	--	--
8410	3872	Myrtle Springs	DLLS	903	865	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8518	3569	NACOGDOCHES	HSTN	409	552,560,4,8,9	--	--
8202	3712	Naples	LGWV	903	897	--	--
8959	3471	Nassau Bay	HSTN	713	333,5	--	--
8865	3715	Navasota	HSTN	409	825	--	--
8417	5073	Nazareth	AMRL	806	945	--	--
8527	3737	Neches	DLLS	903	584	--	--
8789	3316	NEDERLAND- PORT NECHES	BUMT	409	721,2,3,4, 6,7	--	--
8557	5146	Needmore	LBCK	806	946	--	--
9043	3591	Needville	HSTN	409	793	--	--
8121	3825	Negley	DLLS	903	966	--	--
8725	4928	Nelms	LBCK	806	645	--	--
8355	3984	Nevada	DLLS	214	853	--	--
8133	3689	New Boston	LGWV	903	628	--	--
9145	4018	NEW BRAUNFELS	SNAN	210	606,8,9,620, 5,9,660,708	--	--
8756	4249	Newburg	SANG	915	885	--	--
8484	4398	Newcastle	WCFL	817	846	--	--
8654	4954	New Home	LBCK	806	759,924	--	--
8410	3673	New London	LGWV	903	895	--	--
8474	3677	New Summerfield	LGWV	903	726	--	--
8600	3353	Newton	BUMT	409	379	--	--
8991	3745	New Ulm	HSTN	409	992	--	--
8790	3623	New Waverly	HSTN	409	344	--	--
9206	3922	Nixon	SNAN	210	582	--	--
8297	4273	Nocona	WCFL	817	825	--	--
8765	4587	Nolan	ABLN	915	798	--	--
8833	4037	Nolanville	WACO	817	698	--	--
8812	3396	Nome	BUMT	409	253	--	--
8688	4580	Noodle	ABLN	915	736	--	--
9265	3866	NORDHEIM	CRCH	512	938	--	--
8739	3774	Normangee	HSTN	409	396	--	--
8418	4011	NORTH MESQUITE	DLLS	214	270,9,613, 681,2,6	--	-- (See Dallas)

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8451	4116	NORTH RICHLAND HILLS	DLLS	817	281,428,485, 498,577,581, 656		(See Fort Worth)
8987	3847	Northrup	BRYN	409	366	--	--
8760	3763	North Zulch	HSTN	409	399	--	--
8839	4539	Norton	SANG	915	786	--	--
8734	4564	Nubia	ABLN	915	846	--	--
8385	3637	Oak Hill	LGWV	903	836	--	--
8730	3596	Oakhurst	HSTN	409	377	--	--
9271	4066	OAK ISLAND	SNAN	210	624		(See San Antonio)
8405	3837	Oakland	DLLS	903	829	--	--
8607	3774	Oakwood	DLLS	903	545	--	--
8294	4603	Odell	WCFL	817	887	--	--
9459	3784	Odem	CRCH	512	368	--	--
8983	4931	ODESSA	MDLD	915	332,3,4,5,7, 580,2,777 362,3,6,7, 8,550,2 381,5,530	8983	4931 8975 8991 4932 4945
8722	4914	O'Donnell	LBCK	806	428	--	--
8798	3975	Oenaville	WACO	817	984	--	--
8757	4048	OGLESBY	WACO	817	456	--	--
8504	5196	Oklahoma Lane	AMRL	806	825	--	--
8320	4540	Oklunion	WCFL	817	886	--	--
8639	4340	Olden	DLLS	817	653	--	--
9095	3548	Old Ocean	HSTN	409	491,647	--	--
8450	4414	Olney	WCFL	817	564	--	--
8490	5054	Olton	LBCK	806	285	--	--
8211	3720	OMAHA	LGWV	903	884	--	--
8710	3582	Onalaska	HSTN	409	646	--	--
8746	3281	ORANGE	BUMT	409	882,3,6	--	--
9482	3849	Orange Grove	CRCH	512	384	--	--
8287	3682	Ore City	LGWV	903	968	--	--
9077	5199	Orla	MDLD	915	273	--	--
8465	4408	Orth	WCFL	817	873	--	--
8408	3682	Overton	LGWV	903	834	--	--
8392	3732	OWENTOWN	LGWV	903	877	--	--
9144	4642	Ozona	SANG	915	392	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9499	3692	PADRE ISLAND	CRCH	512	949	(See Corpus Christi)	
8418	4729	Paducah	LBCK	806	492	--	--
8973	3880	Paige	AUST	512	253	--	--
8900	4475	Paint Rock	SANG	915	732	--	--
9208	3600	Palacios	CRCH	512	972	--	--
8558	3750	Palestine	DLLS	903	723,9,731	--	--
8494	3987	Palmer	DLLS	214	449	--	--
9256	4057	PALO ALTO	SNAN	210	628	(See San Antonio)	
8541	4291	Palo Pinto	DLLS	817	659	--	--
8613	4183	Paluxy	DLLS	817	823	--	--
8148	4952	PAMPA	AMRL	806	665,9	--	--
8210	5009	Panhandle	AMRL	806	537	--	--
8422	4217	Paradise	DLLS	817	969	--	--
8173	3897	PARIS	DLLS	903	737,784,5	8173	3897
					732	8135	3905
8426	5209	Parmer	AMRL	806	295	--	--
8819	4919	Patricia	LBCK	806	462	--	--
9348	3915	Pawnee	CRCH	512	456	--	--
8488	3873	Payne Springs	DLLS	903	451	--	--
8591	4683	Peacock	LBCK	806	254	--	--
8970	3506	PEARLAND	HSTN	713	485,997	(See Houston)	
9374	4129	PEARSALL	SNAN	210	334	--	--
9033	3552	Pecan Bend	HSTN	409	553	(See Damon)	
8239	3928	Pecan Gap	DLLS	903	359	--	--
9136	5101	Pecos	MDLD	915	445,7	--	--
8643	3636	Pennington	HSTN	409	638	--	--
8474	4272	Perrin	DLLS	817	798	--	--
7962	4987	Perryton	AMRL	806	435	--	--
8525	4938	Petersburg	LBCK	806	667	--	--
8287	4376	Petrolia	WCFL	817	524	--	--
8614	5087	Pettit	LBCK	806	245	--	--
9340	3876	Pettus	CRCH	512	375	--	--
8962	3990	PFLUGERVILLE	AUST	512	251,990	(See Austin)	
9854	3754	PHARR <sup>/1/</sup>	BWVL	210	702,781,3,7	--	--
8285	3816	Pickton	DLLS	903	866	--	--
8324	4112	Pilot Point	DLLS	817	686	--	--
8313	3716	Pine Acres	LGWV	903	797	--	--
8414	3605	Pine Hill	LGWV	903	889	--	--

/1/ Includes Alamo and San Juan.

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8878	3627	PINEHURST	HSTN	713	259,356	--	--
8537	3423	Pineland	BUMT	409	584	--	--
8338	3775	Pine Mills	LGWV	903	857	--	--
9197	4165	PIPE CREEK	SNAN	210	510,535	--	--
8264	3742	PITTSBURG	LGWV	903	856	--	--
8735	5105	Plains	LBCK	806	456	--	--
8465	4981	PLAINVIEW	LBCK	806	221 <sup>/1/</sup> ,293,6	--	--
8382	4037	Plano	DLLS	214	422,3,4,516, 578,881	8382	4037
					519,596,612, 867,964,985	8383	4051
					403,431, 604,5,8	8380	4061
					517,575	8374	4047
					491,618	8376	4052
8860	3671	Plantersville	HSTN	409	894	--	--
8473	5230	Pleasant Hill	AMRL	806	389	--	--
9320	4027	PLEASANTON	SNAN	210	281,569	--	--
9018	3833	Plum	BRYN	409	242	--	--
8342	3890	Point	DLLS	903	598	--	--
9241	3656	Point Comfort	CRCH	512	987	--	--
8389	4151	Ponder	DLLS	817	479	--	--
8960	4264	Pontotoc	SANG	915	251	--	--
9242	3626	Port Alto	CRCH	512	893	--	--
9444	3680	Port Aransas	CRCH	512	749	--	--
8802	3296	PORT ARTHUR	BUMT	409	982,3,5,9	8802	3296
					962,3	8791	3299
					736	8803	3314
8967	3400	PORT BOLIVAR	HSTN	409	684	--	--
8859	3542	Porter	HSTN	713	354,577	--	--
8851	3563	Porter Heights	HSTN	713	429,572	--	--
9807	3565	PORT ISABEL	BWVL	210	943	9807	3565
					761	9797	3561
9455	3731	Portland-Gregory	CRCH	512	643,777	--	--
9258	3665	Port Lavaca	CRCH	512	552,3	--	--
9726	3645	Port Mansfield	BWVL	210	944	--	--
9272	3614	Port O'Connor	CRCH	512	983	--	--
8523	4324	Possum Kingdom Lake	DLLS	817	779	--	--

/1/ MicroLink I

## LIST OF V-H COORDINATES (cont'd)

## B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8650	4854	Post	LBCK	806	495	--	--
9309	4045	POTEET	SNAN	210	276,742	--	--
9267	3961	Poth	SNAN	210	484	--	--
8719	4476	Potosi	ABLN	915	529	--	--
8232	4092	POTTSBORO	DLLS	903	786	--	--
8762	4209	Pottsville	DLLS	817	372	--	--
8660	3942	Prairie Hill	WACO	817	344	--	--
8921	3673	PRAIRIE VIEW	HSTN	409	857	--	--
9615	3834	Premont	CRCH	512	348	--	--
9570	5135	Presidio	MDLD	915	229	--	--
8434	3664	Price	LGWV	903	861	--	--
8776	4241	Priddy	SANG	915	966	--	--
8336	4016	PRINCETON	DLLS	214	734,6	--	--
8335	3722	Pritchett	LGWV	903	734	--	--
8706	4253	Proctor	DLLS	817	879	--	--
8346	4072	PROSPER	DLLS	214	347	--	--
8762	4947	Punkin Center	LBCK	806	489	--	--
8590	3936	Purdon	DLLS	903	673	--	--
8680	4413	Putnam	ABLN	915	662	--	--
9094	5042	PYOTE	MDLD	915	389	--	--
8324	4654	QUANAHA	WCFL	817	663	--	--
8366	3931	Quinlan	DLLS	903	356	--	--
8389	4882	Quitaque	AMRL	806	455	--	--
8340	3806	Quitman	LGWV	903	763	--	--
8551	4888	Ralls	LBCK	806	253	--	--
8624	4332	RANGER	DLLS	817	647	--	--
9084	4811	RANKIN	MDLD	915	693	--	--
8598	4930	Ransom Canyon	LBCK	806	829	--	--
9768	3703	Raymondville	BWVL	210	689	--	--
8829	3440	Raywood	HSTN	409	587	--	--
8747	3905	REAGAN	WACO	817	587	--	--
8406	5035	Redmon	LBCK	806	627	--	--
8490	4014	RED OAK	DLLS	214	515,576,617	--	--
8380	3754	Red Springs (Smith Co.)	LGWV	903	858	--	--
9580	5096	Redford	MDLD	915	384	--	--
8141	3653	Redwater	LGWV	903	671	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9366	3756	REFUGIO	CRCH	512	526	--	--
8492	3650	Reklaw	HSTN	409	369	--	--
8397	4057	RENNER	DLLS	214	248,250,380, 407,713,733, 931		(See Dallas)
8462	4187	Reno	DLLS	817	677	--	--
8428	4172	Rhome	DLLS	817	636,8	--	--
8525	3939	Rice	DLLS	903	326	--	--
8817	3685	Richards	HSTN	409	851	--	--
8398	4037	RICHARDSON	DLLS	214	231,4,5,8, 301,437,470, 480,497,644, 669,680,690, 9,705,783, 907,917,8, 952,994,5,7		(See Dallas)
8582	3902	Richland	DLLS	903	362	--	--
8886	4287	Richland Springs	SANG	915	452	--	--
9008	3596	RICHMOND- ROSENBERG	HSTN	713	232,9,341, 2,4	--	--
8706	3949	Riesel	WACO	817	896	--	--
8306	4312	Ringgold	WCFL	817	934	--	--
9861	3887	Rio Grande City	BWVL	210	487,500,716	--	--
9802	3647	RIO HONDO	BWVL	210	748	--	--
8586	4089	Rio Vista	DLLS	817	373	--	--
8721	4353	Rising Star	DLLS	817	643	--	--
9605	3774	Riviera	CRCH	512	296	--	--
8528	3913	Roane	DLLS	903	345	--	--
8423	4126	ROANOKE	DLLS	817	224,430,491, 837,890,961, 2		(See Fort Worth)
8474	4813	Roaring Springs	LBCK	806	348	--	--
8857	4603	Robert Lee	SANG	915	453	--	--
9496	3786	Robstown	CRCH	512	387,767	--	--
8679	4646	ROBY	ABLN	915	776	--	--
8911	4329	Rochelle	SANG	915	243	--	--
8531	4600	Rochester	WCFL	817	743	--	--
8875	3898	ROCKDALE	AUST	512	446	--	--
9406	3693	ROCKPORT	CRCH	512	729,790	--	--
9221	4415	Rocksprings	SNAN	210	683	--	--



**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8384	3989	ROCKWALL	DLLS	214	722,771	--	--
8866	4378	Rockwood	SANG	915	785	--	--
9053	3882	Rocky Creek	AUST	512	839	--	--
8836	3959	Rogers	WACO	817	642	--	--
9869	3925	Roma	BWVL	210	849	--	--
8651	5002	Ropesville	LBCK	806	562	--	--
8751	4653	ROSCOE	ABLN	915	766	--	--
8792	3926	Rosebud	WACO	817	583	--	--
8730	3976	ROSENTHAL	WACO	817	881	(See Waco)	
8322	3741	Rosewood	LGWV	903	725	--	--
9025	3519	Rosharon	HSTN	713	369,595	--	--
8477	3950	Rosser	DLLS	214	486	--	--
8340	4201	Rosston	DLLS	817	768	--	--
8661	4670	ROTAN	ABLN	915	735	--	--
9013	4116	Round Mountain	SNAN	210	825	--	--
8952	4004	ROUND ROCK	AUST	512	214,8,244, 255,388	(See Austin)	
8880	4507	Rowena	SANG	915	442	--	--
8387	4002	Rowlett	DLLS	214	412,475	--	--
8210	3916	Roxton	DLLS	903	346	--	--
8365	3972	ROYCE CITY	DLLS	214	635,6	--	--
8703	3503	Ruby	HSTN	409	563	--	--
8560	4596	Rule	WCFL	817	997	--	--
8433	4251	Runaway Bay	DLLS	817	575	--	--
9281	3881	RUNGE	SNAN	210	239	--	--
8515	3672	Rusk	LGWV	903	683	--	--
8443	4000	RYLIE	DLLS	214	286,557	(See Dallas)	
9155	4138	Sabina	SNAN	210	537	--	--
9314	4229	SABINAL	SNAN	210	988	--	--
8832	3276	SABINE PASS	BUMT	409	971	--	--
8458	4134	SAGINAW	DLLS	817	232,4,847	(See Fort Worth)	
9205	4019	ST. HEDWIG	SNAN	512	667	(See San Antonio)	
8303	4231	St. Jo	DLLS	817	995	--	--
8968	4777	St. Lawrence	MDLD	915	397	--	--
8854	4015	Salado (Bell Co.)	WACO	817	947	--	--
8944	4563	San Angelo	SANG	915	651,3,4,5, 6,7,8,9	8944	4563
					942,4,7,9	8949	4568

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange V	H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
SAN ANTONIO METROPOLITAN <u>EXCHANGE</u>							
9225	4063	SAN ANTONIO ZONE	SNAN	210	207,8,212,3, 8,220,1, 2,3,4,5,6,7, 8,9,230,1,5, 244,6,260,270, 1,299,302,351, 413,4,5,6, 422,508,518, 554,704,714,5, 827,844,912, 3,6,933,978	9225	4063
					304,333,7,359 360	9228	4044
					308,340,1,2, 4,9,366,377,442 524,5,530,979	9209	4076
					431,2,3,4,5, 6	9229	4075
					470,531,2,3, 4,6	9230	4059
					731,2,3,4,5, 6,7,8	9221	4070
					283,720,803, 4,5,820,1,2, 4,6,8,9,841 882,930	9213	4062
					921,2,3,4,5, 7,977	9240	4063

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange V	H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
SAN ANTONIO METROPOLITAN <u>EXCHANGE</u> (cont'd)							
9225	4063	SAN ANTONIO ZONE (cont'd)	SNAN	210	513,567, 593(8000- 9999),613,4, 5,6,7,692,705, 713,949,989	9215	4086
					593(0000- 2999) (6000-6999)	9211	4083
					593(5000-5999) (7000-7999)	9212	4083
<u>OTHER ZONES</u> SNAN							
9209	4088	- BABCOCK		210	456,498,558, 561,641,690, 1,4,6,7,9,	9209	4088
9177	4046	- BRACKEN		210	651	9177	4046
9252	4048	- BUENA VISTA		210	627	9252	4048
9223	4092	- CULEBRA		210	509,520,2,3, 543,647,680, 1,4,706	9223	4092
9180	4074	- ELM CREEK		210	497	9180	4074
9249	4022	- ELMENDORF		210	635	9249	4022
9224	4037	- FOSTER		210	648	9224	4037
9198	4052	- FRATT		210	590,9,619,637, 646,650,1,3,4, 5,6,7,871,967	9198	4052
9221	4111	- GERONIMO CREEK		210	688	9221	4111
9203	4112	- HELOTES		210	695	9203	4112
9256	4077	- INDIAN CREEK		210	623	9256	4077
9266	4089	- JARRATT		210	622	9266	4089
9242	4090	- LACKLAND		210	670,1,3,4 5,7,8,9	9242	4090

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange V	H	Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange V	H
<u>OTHER ZONES</u> SNAN (cont'd)							
9188	4105	- LEON SPRINGS		210	698	9188	4105
9215	4045	- MARTINEZ		210	661,2,6,7	9215	4045
9271	4066	- OAK ISLAND		210	624	9271	4066
9256	4057	- PALO ALTO		210	628	9256	4057
9205	4019	- SAINT HEDWIG		210	667	9205	4019
9272	4033	- SANDY HILLS		210	621	9272	4033
9221	4017	- SAYERS		210	649	9221	4017
9198	4086	- SHAVANO		210	408,492,3	9198	4086
9242	4039	- SOUTHTON		210	633	9242	4039
9275	4042	- THELMA		210	626	9275	4042
9187	4037	- UNIVERSAL CITY		210	652,8,9,945	9187	4037
9190	4073	- WETMORE		210	402,490,1 4,6,545	9190	4073
8491	3471	- SAN AUGUSTINE	HSTN	409	275	--	--
9826	3648	- SAN BENITO	BWVL	210	361,399	--	--
9333	4816	- Sanderson	MDLD	915	345	--	--
9542	3888	- SAN DIEGO	CRCH	512	279	--	--
8834	4780	- Sand Springs	MDLD	915	393	--	--
8301	3794	- Sandy Creek	LGWV	903	629	--	--
9272	4033	- SANDY HILLS	SNAN	210	621	(See San Antonio)	
8645	3915	- Sandy (Limestone Co.)	WACO	817	353	--	--
8148	5059	Sanford	AMRL	806	865	--	--
8880	3934	San Gabriel	AUST	512	862	--	--
8346	4145	Sanger	DLLS	817	458	--	--
9767	3839	San Isidro	BWVL	210	481	--	--
9096	4001	San Marcos	AUST	512	245,353,392, 6,753,4	--	--
9350	4106	San Miguel	SNAN	210	466	--	--
9753	3679	San Perlita	BWVL	210	248	--	--
8886	4242	San Saba	SANG	915	372	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8815	4389	Santa Anna	SANG	915	348	--	--
9817	3693	Santa Rosa	BWVL	210	636	--	--
8568	4262	Santo	DLLS	817	769	--	--
8769	3433	Saratoga	HSTN	409	274	--	--
9619	3764	Sarita	CRCH	512	294	--	--
8917	3590	SATSUMA	HSTN	713	469,614,8, 890,4,7,955	--	--
9118	4039	Sattler	SNAN	210	907,964	--	--
9114	3885	Saturn	SNAN	210	540	--	--
9221	4017	SAYERS	SNAN	210	649	--	--
9065	3802	Schulenburg	BRYN	409	743	--	--
8373	4390	Scotland	WCFL	817	541	--	--
8460	3942	Scurry	DLLS	214	452	--	--
8945	3462	SEABROOK	HSTN	713	291,474	--	--
9302	3664	Seadrift	CRCH	512	785	--	--
8445	3982	SEAGOVILLE	DLLS	214	287	--	--
8771	5041	Seagraves	LBCK	806	546	--	--
8990	3678	SEALY	HSTN	409	885	--	--
8727	3494	Segno	HSTN	409	685	--	--
9161	3981	SEGUIN	SNAN	210	303,5,379, 401	9161	3981
					557,560	9159	3999
8822	5040	SEMINOLE	MDLD	915	758	--	--
8437	4518	Seymour	WCFL	817	888	--	--
8586	4995	Shallowater	LBCK	806	832	--	--
8168	4808	SHAMROCK	AMRL	806	256	--	--
9198	4086	SHAVANO	SNAN	210	408,492,3	--	--
9187	4755	Sheffield	MDLD	915	836	--	--
8897	3504	SHELDON	HSTN	713	456	--	--
8763	3537	Shepherd	HSTN	409	628	--	--
8253	4072	Sherman	DLLS	903	813,4,892, 3,868,870	--	--
9132	3828	SHINER	CRCH	512	594	--	--
8303	3868	Shirley	DLLS	903	485	--	--
8806	3700	Shiro	HSTN	409	874	--	--
8734	4302	Sidney	DLLS	817	842	--	--
9291	5417	Sierra Blanca	MDLD	915	369	--	--
8730	3380	SILSBEE	BUMT	409	385	--	--
8487	4174	SILVER CREEK	DLLS	817	448	--	--
8385	4931	Silverton	AMRL	806	823	--	--

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8166	3697	Simms	LGVV	903	543	--	--
9436	3777	SINTON	CRCH	512	364	--	--
9129	4148	Sisterdale	SNAN	210	324	--	--
9236	4911	Six Shooter	MDLD	915	395	--	--
8153	4989	SKELLYTOWN	AMRL	806	848	--	--
9405	3826	SKIDMORE	CRCH	512	287	--	--
8616	4916	SLATON	LBCK	806	828	--	--
8361	4182	Slidell	DLLS	817	466	--	--
8573	3711	Slocum	DLLS	903	478	--	--
9198	3898	Smiley	SNAN	210	587	--	--
9017	3561	SMITHERS LAKE	HSTN	713	343,545	--	--
8934	3412	Smith Point	BUMT	409	355	--	--
9138	4070	Smithson's Valley	SNAN	210	904,885	--	--
9016	3873	SMITHVILLE	AUST	512	237	--	--
8617	5017	Smyer	LBCK	806	234	--	--
8864	3805	Snook-Tunis	BRYN	409	272	--	--
8718	4737	SNYDER	ABLN	915	573,4	--	--
9278	4077	Somerset	SNAN	210	429,701	--	--
8905	3790	Somerville	BRYN	409	596	--	--
9137	4533	Sonora	SANG	915	387	--	--
8790	3404	SOUR LAKE	BUMT	409	287	--	--
8718	4023	SOUTH BOSQUE	WACO	817	848	(See Waco)	
7971	5067	South Hardesty	OKCY	806	882	--	--
8625	4893	Southland	LBCK	806	996	--	--
7997	5157	South Texhoma	AMRL	806	827	--	--
9242	4039	SOUTHTON	SNAN	210	633	(See San Antonio)	
8774	3323	SOUTH VIDOR	BUMT	409	768	--	--
8546	5038	Spade	LBCK	806	233	--	--
8258	4269	Spanish Fort	WCFL	817	966	--	--
8026	5037	Spearman	AMRL	806	659	--	--
8839	3544	SPLENDORA	HSTN	713	399,689	--	--
8879	3576	SPRING	HSTN	713	288,350,3,5 292,8,363,4, 7,377	8879	3576
8491	5085	Springlake	LBCK	806	986	8864	3585
8460	4201	Springtown	DLLS	817	523	--	--
8560	4784	Spur	LBCK	806	271	--	--
8662	3411	SPURGER	BUMT	409	429	--	--
8981	3558	Stafford	HSTN	713	261,499	--	--
8603	4562	STAMFORD	ABLN	915	773	--	--
8892	4848	STANTON	MDLD	915	756	--	--
8804	4193	Star	SANG	915	948	--	--
8645	4232	Stephenville	DLLS	817	965,8,977	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8900	4686	Sterling City	SANG	915	378	--	--
8045	5169	Stevens	AMRL	806	753	--	--
9778	3675	Stillman	BWVL	210	743	--	--
8117	5052	STINNETT	AMRL	806	878	--	--
9228	3954	Stockdale	SNAN	210	996	--	--
9073	4158	Stonewall	SNAN	210	644	--	--
8049	5194	Stratford	AMRL	806	396	--	--
8595	4307	STRAWN	DLLS	817	672	--	--
9015	4323	Streeter	SANG	915	265	--	--
8587	3880	Streetman	DLLS	903	599	--	--
8539	5112	Sudan	LBCK	806	227	--	--
<u>SUGAR LAND METROPOLITAN EXCHANGE</u>							
8984	3572	Sugar Land Zone	HSTN	713	242,262,3, 273,8,9,287, 9,294,490,1, 4,563,5	8984	3572
<u>OTHER ZONES</u> HSTN							
8980	3583	- Clodine		713	276,7	8980	3583
8990	3568	- First Colony		713	265,9,980	8990	3568
8978	3568	- Industrial Park		713	240,274,5	8978	3568
9864	3830	SULLIVAN CITY	BWVL	210	485	--	--
8281	3861	Sulphur Springs	DLLS	903	439,885	--	--
8397	5155	Summerfield	AMRL	806	357	--	--
8662	5062	Sundown	LBCK	806	229	--	--
8414	3997	SUNNYVALE	DLLS	214	203,266	(See Dallas)	
8100	5130	Sunray	AMRL	806	948	--	--
8367	4254	Sunset	DLLS	817	845	--	--
9222	3974	Sutherland Springs	SNAN	210	217,947	--	--
9103	3535	Sweeny	HSTN	409	490,548	--	--
8737	4632	SWEETWATER	ABLN	915	235,6	--	--
8154	4766	Sweetwater West	OKCY	806	754	--	--
8675	4624	Sylvester	ABLN	915	993	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9440	3753	Taft	CRCH	512	528	--	--
8680	4924	Tahoka	LBCK	806	998	--	--
8203	3797	Talco	LGWV	903	379	--	--
9227	4223	Tarpley	SNAN	210	562	--	--
8366	3608	Tatum	LGWV	903	947	--	--
8358	3910	Tawakoni	DLLS	903	447	--	--
8922	3962	TAYLOR	AUST	512	352	--	--
8631	3852	TEAGUE	WACO	817	739	--	--
8628	3905	Tehuacana	WACO	817	395	--	--
8182	3985	Telephone	DLLS	903	664	--	--
8812	3992	TEMPLE	WACO	817	770,1,3,4,8 780	8812 8812	3992 4017
8420	3529	Tenaha	HSTN	409	248	--	--
8558	3793	Tennessee Colony	DLLS	903	928	--	--
9570	4967	Terlingua	MDLD	915	371	--	--
8954	4907	TERMINAL	MDLD	915	560,1,3,7	--	--
8410	3943	TERRELL	DLLS	214	524,551,563	--	--
8111	3626	Texarkana	LGWV	903	735,792, 3,4,8 277,334,831, 2,8	8111 8113	3626 3635
8975	3424	TEXAS CITY- LA MARQUE	HSTN	409	942,3,5,8 935,8	8975 8985	3424 3434
8094	5355	Texline	AMRL	806	362	--	--
8375	4595	Thalia	WCFL	817	655	--	--
8458	5211	Tharp	AMRL	806	225	--	--
9275	4042	THELMA	SNAN	210	626	(See San Antonio)	
8898	3931	Thorndale-Thrall	AUST	512	898	--	--
8695	3883	Thornton	WACO	817	385	--	--
9398	3931	Three Rivers	CRCH	512	786	--	--
8514	4473	Throckmorton	WCFL	817	849	--	--
9424	3998	Tilden	CRCH	512	274	--	--
8439	3553	TIMPSON	HSTN	409	254	--	--
8307	4111	Tioga	DLLS	817	437	--	--
9308	3698	Tivoli	CRCH	512	286	--	--
8591	4197	Tolar	DLLS	817	835	--	--
8889	3609	TOMBALL	HSTN	713	255,351,7 251,320,370, 4,6,8	8889 8892	3609 3592



**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8268	4041	Tom Bean	DLLS	903	546	--	--
8492	3891	Tool-Seven Points	DLLS	903	432	--	--
8943	4169	Tow	SANG	915	379	--	--
9176	5144	Toyah	MDLD	915	259	--	--
8714	4583	Trent	ABLN	915	862	--	--
8276	4010	Trenton	DLLS	903	989	--	--
8514	3860	Trinidad	DLLS	903	778	--	--
8702	3638	Trinity	HSTN	409	594	--	--
8445	3695	Troup	DLLS	903	842	--	--
8787	3994	TROY	WACO	817	938	--	--
8441	4624	Truscott	WCFL	817	474	--	--
8581	3763	Tucker	DLLS	903	538	--	--
8397	5016	Tulia	LBCK	806	995	--	--
8376	4856	Turkey	AMRL	806	423	--	--
8734	4103	Turnersville	WACO	817	494	--	--
8415	3662	Turnertown	LGWV	903	847	--	--
8751	4505	Tuscola	ABLN	915	554	--	--
8417	3744	TYLER	LGWV	903	505,7,510, 530,1,5,571, 592,3,5,7 566 509,534,561, 581	8417 8416 8428	3744 3728 3740
8331	5071	Umbarger	AMRL	806	499	--	--
8261	3578	Uncertain	LGWV	214	789	--	--
8732	4987	Union	LBCK	806	755	--	--
9187	4037	UNIVERSAL CITY	SNAN	210	652,8,9,945	(See San Antonio)	
9257	4262	Utopia	SNAN	210	966	--	--
9357	4279	UVALDE	SNAN	210	278,591	--	--

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9367	5220	Valentine	MDLD	915	467	--	--
8830	4435	Valera	SANG	915	636	--	--
8996	3636	VALLEY LODGE	HSTN	713	346,533	--	--
8708	4061	Valley Mills	WACO	817	932	--	--
8319	4155	Valley View	DLLS	817	726	--	--
8317	4136	Valley View East	DLLS	817	637	--	--
8406	3815	Van	LGWV	903	963	--	--
8292	4049	Van Alstyne	DLLS	903	482	--	--
9213	3680	Vanderbilt	CRCH	512	284	--	--
9290	5314	Van Horn	MDLD	915	283	--	--
8292	5177	Vega	AMRL	806	267	--	--
8527	4060	Venus	DLLS	214	366	--	--
8637	4849	Verbena	LBCK	806	629	--	--
8326	4567	VERNON	WCFL	817	552,3	--	--
9246	3747	VICTORIA	CRCH	512	550,571,2,3, 4,5,6,8,788	--	--
8761	3334	VIDOR	BUMT	409	769	8761	3334
					786	8746	3341
8360	4978	Vigo Park	LBCK	806	633	--	--
8784	4774	Vincent	MDLD	915	965	--	--
9317	4499	Vinegarroon	SNAN	210	395	--	--
8239	3571	Vivian, LA	SHPT	903	672	--	--
8953	4308	Voca	SANG	915	239	--	--
<u>WACO METROPOLITAN EXCHANGE</u>							
8705	3994	WACO ZONE	WACO	817	744,9,750,2, 3,4,5,6,7	8705	3994
					662	8717	3986
					666	8727	3997
					799,867	8695	3992
					751,772,6	8717	4001
<u>OTHER ZONES WACO</u>							
8675	3967	- AXTELL		817	863	8675	3967
8698	4031	- CHINA SPRING		817	836	8698	4031
8765	3994	- EDDY		817	859	8765	3994

**LIST OF V-H COORDINATES (cont'd)**

**B. List of V-H Coordinates (cont'd)**

Interexchange		Exchange	LATA	NPA	Serving	Intraexchange	
V	H	Or Zone			Office	V	H
<u>OTHER ZONES</u> WACO							
(cont'd)							
8674	4019	- GHOLSON		817	829	8674	4019
8702	3966	- HALLSBURG		817	875	8702	3966
8662	3985	- LEROY		817	822	8662	3985
8744	3994	- LORENA		817	857	8744	3994
8687	3940	- MART		817	876	8687	3940
8746	4031	- MCGREGOR		817	840	8746	4031
8770	4014	- MOODY		817	853	8770	4014
8730	3976	- ROSENTHAL		817	881	8730	3976
8718	4023	- SOUTH BOSQUE		817	848	8718	4023
8654	4007	- WEST		817	826	8654	4007
8967	3612	Waddell	HSTN	713	392,5	(See Katy)	
9090	3872	Waelder	CRCH	512	665	--	--
8918	3660	WALLER	HSTN	409	372	--	--
9013	3650	Wallis	HSTN	409	478	--	--
8874	3433	Wallisville	BUMT	409	389	--	--
8646	4139	Walnut Springs	DLLS	817	797	--	--
8697	3442	WARREN	BUMT	409	547	--	--
8984	3797	Warrenton	BRYN	409	249	--	--
8881	3722	Washington	HSTN	409	878	--	--
8300	3545	Waskom	LGWV	903	687	--	--
8917	4626	Water Valley	SANG	915	484	--	--
8717	3606	Waterwood	HSTN	409	891	--	--
8517	4011	WAXAHACHIE	DLLS	214	923,937,8	--	--
8508	4206	WEATHERFORD	DLLS	817	594,6,8,9	--	--
8261	3832	Weaver	DLLS	903	648	--	--
8996	3963	WEBBERVILLE	AUST	512	276	(See Austin)	
8501	4127	WEDGWOOD	DLLS	817	263,292,4, 346,370	(See Fort Worth)	

LIST OF V-H COORDINATES (cont'd)

B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
9051	3780	Weimar	BRYN	409	725	--	--
8517	4569	Weinert	WCFL	817	673	--	--
8240	4776	Wellington	AMRL	806	447	--	--
8563	3609	Wells	HSTN	409	867	--	--
9847	3716	Weslaco	BWVL	210	903,961,2,3, 8,9,970,3,4	--	--
8654	4007	WEST	WACO	817	826	(See Waco)	
8797	4728	WESTBROOK	ABLN	915	644	--	--
8780	3382	WESTBURY	BUMT	409	753	--	--
9080	3535	West Columbia	HSTN	409	345	--	--
8892	3556	WESTFIELD	HSTN	713	230,3,443, 821	(See Houston)	
9202	3864	Westhoff	CRCH	512	236	--	--
8683	4954	West Lakes	LBCK	806	465	--	--
8494	4147	WESTLAND	DLLS	817	244,448,560	(See Fort Worth)	
9623	4157	West Marietta	SNAN	512	419	--	--
8046	4806	West Reydon	OKCY	806	565	--	--
8024	4824	West Roger Mills	OKCY	806	988	--	--
8898	4861	West Stanton	MDLD	915	458	--	--
8379	5176	Westway	AMRL	806	289	--	--
9190	4073	WETMORE	SNAN	210	402,490,1,4, 6,545	(See San Antonio)	
9078	3630	WHARTON	HSTN	409	282,532	--	--
8522	4150	WHEATLAND	DLLS	817	443	(See Fort Worth)	
8715	5038	Wheatley	LBCK	806	522	--	--
8126	4829	Wheeler	AMRL	806	826	--	--
8181	4979	White Deer	AMRL	806	883	--	--
8639	5096	Whiteface	LBCK	806	287	--	--
8436	3720	Whitehouse	LGWV	903	839	--	--
8574	4824	White River	LBCK	806	263	--	--
8269	4125	Whitesboro	DLLS	903	564	--	--
8486	4146	WHITE SETTLEMENT	DLLS	817	246,367,935	(See Fort Worth)	
8262	4027	Whitewright	DLLS	903	364	--	--
8595	5055	Whitharral	LBCK	806	299	--	--
8638	4057	Whitney	WACO	817	694	--	--
8323	4412	WICHITA FALLS	WCFL	817	322,330 <sup>/1/</sup> , 720,2,3,733, 761,6,7, 781,880	8323	4412
					676,851,5	8318	4423
					689,691,2,6	8335	4419

/1/ MicroLink I

## LIST OF V-H COORDINATES (cont'd)

## B. List of V-H Coordinates (cont'd)

Interexchange		Exchange Or Zone	LATA	NPA	Serving Office	Intraexchange	
V	H					V	H
8286	5136	Wildorado	AMRL	806	426	--	--
8716	3441	WILDWOOD	BUMT	409	834	--	--
8958	3611	Williamsburg	HSTN	713	347	(See Katy)	
8811	3614	Willis	HSTN	409	856	--	--
9044	4176	Willow City	SNAN	210	685	--	--
8396	3894	WILLS POINT	DLLS	903	873	8396	3894
					560	8375	3901
8466	4000	Wilmer	DLLS	214	441,525	--	--
8643	4922	Wilson	LBCK	806	628	--	--
9085	4036	Wimberley	AUST	512	847	--	--
8224	3964	Windom	DLLS	903	623	--	--
8387	4378	Windthorst	WCFL	817	423	--	--
8241	3782	Winfield	LGWV	903	524	--	--
8803	4549	Wingate	SANG	915	743	--	--
9049	5061	WINK	MDLD	915	527	--	--
8850	3371	Winnie	BUMT	409	296	--	--
8295	3794	Winnsboro	LGWV	903	342	--	--
8810	4516	Winters	SANG	915	754	--	--
8269	3959	WOLFE CITY	DLLS	903	496	--	--
8624	4984	Wolfforth	LBCK	806	866	--	--
8625	4951	Woodrow	LBCK	806	863	--	--
9382	3761	WOODSBORO	CRCH	512	543	--	--
8538	4439	Woodson	WCFL	817	345	--	--
8664	3458	WOODVILLE	BUMT	409	283	--	--
8613	3898	WORTHAM	WACO	817	765	--	--
8372	4009	Wylie	DLLS	214	442	--	--
8294	3782	Wynne	LGWV	903	365	--	--
8320	3838	Yantis	DLLS	903	383	--	--
9159	3814	YOAKUM	CRCH	512	293	--	--
9246	3851	YORKTOWN	CRCH	512	564	--	--
8809	3958	Zabcikville	WACO	817	985	--	--
9795	4015	ZAPATA	BWVL	210	765	--	--
8589	3493	Zavalla	HSTN	409	897	--	--
8791	4291	Zephyr	SANG	915	739	--	--