

Windstream D&E, Inc.

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RATES AND RULES

Governing the Furnishing of Telephone Service

IN

Berks, Lancaster and Lebanon Counties, Pennsylvania

as Shown on Sheet 5

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This Tariff cancels and supersedes the  
Denver and Ephrata Telephone and Telegraph Company  
PA P.U.C. No. 15 Local Exchange Tariff.

Issued: July 29, 2021

Effective: August 1, 2021

In compliance with PUC Order  
entered on June 24, 2021 at  
Docket No. M-2021-3023544

Issued by: Vice President  
4001 Rodney Parham Road  
Little Rock, Arkansas 72212

SHEETS AFFECTED BY THIS SUPPLEMENT	CHANGES MADE BY THIS SUPPLEMENT
Section 10, Sheets 28	This supplement decreases the Telecommunications Relay Service (TRS) surcharge from \$.08 to \$.04 per line for both residential and business customers in compliance with the Pennsylvania Public Utility Commission Order entered on June 24, 2021 at Docket #M-2021-3023544 (and M-00900239).

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(C)

(C) Indicates Change

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3	14	3 <sup>rd</sup>	5	10	1 <sup>st</sup>			
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\*Sheets issued with this supplement

Check Sheet

Sec.	Sheet	Rev.	Sec.	Sheet	Rev.	Sec.	Sheet	Rev.
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7	4	Orig.	10	24	First	15	3	Orig.
7	5	Orig.	10	25	Orig.	16	1	Orig.
7	6	Orig.	10	26	Orig.	16	2	Orig.
7	7	Orig.	10	27	Orig.	16	3	Orig.
8	1	Orig.	10	28	First*	16	4	Orig.
8	2	Orig.	10	29	Orig.	16	5	Orig.
8	3	Orig.	10	30	Orig.	16	6	Orig.
9	1	Orig.	10	31	Orig.	16	7	Orig.
9	2	Orig.	10	32	Orig.	16	8	Orig.
9	3	Orig.	10	33	Orig.	16	9	Orig.
9	4	Orig.	10	34	Orig.	16	10	Orig.
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9	7	Orig.	10	37	Orig.	16	13	Orig.
9	8	Orig.	10	38	Orig.	17	1	Orig.
9	9	Orig.				17	2	Orig.
10	1	Second				17	3	Orig.
10	2	Orig.				17	4	Orig.
10	3	Orig.				17	5	Orig.
10	4	Orig.	11	1	Orig.	17	6	Orig.
10	5	Orig.	12	1	Orig.	17	7	Orig.
10	6	Orig.	12	2	Orig.	17	8	Orig.
10	7	Orig.	12	3	Orig.	17	9	Orig.
10	8	First	12	4	Orig.	17	10	Orig.
10	9	Second				17	11	Orig.
10	10	First				17	12	Orig.
10	11	Second	13	1	Orig.	17	13	Orig.
10	12	Third	13	2	Orig.			
10	13	Orig.	13	3	Orig.			
10	14	First	13	4	Orig.			
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10	16	Orig.	13	6	Orig.			
10	17	Orig.						
10	18	First						
10	19	Orig.	14	1	Orig.			

TERRITORY SERVED BY THIS COMPANY

BERKS COUNTY

Townships

Brecknock  
South Heidelberg  
Spring

LANCASTER COUNTY

Boroughs

Adamstown  
Akron  
Denver  
Ephrata  
Lititz  
Manheim

Villages

Blainstown  
Brickerville  
Brunnerville  
Clay  
Cocalico  
Elm  
Elstonville  
Hinkletown  
Hopeland  
Lexington  
Lincoln  
Penryn  
Reamstown  
Reinholds  
Rothsville  
Schoeneck  
Stevens

Townships

Brecknock  
Clay  
Earl  
East Cocalico  
Elizabeth  
Ephrata  
Manheim  
Mt. Joy  
Penn  
Rapho  
Warwick  
West Cocalico  
West Earl

LEBANON COUNTY

Townships

Heidleberg  
South Londonderry  
West Cornwall

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GENERAL REGULATIONSTARIFF APPLICATION

This tariff governs the furnishing of telephone service and facilities Windstream D&E, Inc., hereinafter referred to as the Telephone Company. The general regulations in this section of the tariff are supplemental to regulations contained in other sections of this tariff.

In addition to the regulations and schedule of charges herein, this tariff is subject to specific regulations as set forth in the Pennsylvania Code Title 52--Public Utilities and other regulations as may be prescribed by the Pennsylvania Public Utility Commission.

TELEPHONE SERVICE DEFINED

The Telephone Company does not transmit messages but offers, subject to the terms and conditions specified in this tariff, the use of its facilities, where available, for communication between subscribers. The term "service" as used throughout this tariff refers to service, equipment and facilities.

OBLIGATION TO FURNISH SERVICE

The Telephone Company's obligation to furnish service is dependent upon its ability to secure and retain, without unreasonable expense, suitable facilities and rights for the construction and maintenance of the necessary circuits and equipment.

SPECIAL TYPES OF SERVICE AND EQUIPMENT

In cases where a subscriber desires some special type of service or equipment for which provision is not otherwise made, and in the judgement of the Telephone Company there is no reason for refusing to render the special service desired, a rate is quoted based on the cost of furnishing such service or equipment.

EQUIPMENT, APPARATUS AND LINES

Equipment furnished by the Telephone Company shall remain the property of the Telephone Company and, upon termination of service for any cause whatsoever, shall be returned to the Telephone Company in good condition, reasonable wear and tear thereof excepted.

All connections to the network by the Telephone Company or by the customer must comply with the rules and regulations of the Federal Communications Commission and the Pennsylvania Public Utility Commission.



GENERAL REGULATIONS  
(Continued)

INSTALLATION, RELOCATION, MAINTENANCE, REPAIRS & REMOVAL

The subscriber shall be responsible for damages to the facilities of the Telephone Company resulting from negligence or willful act of the subscriber.

The Telephone Company shall not be liable for any defacements of or damage to the premises of the subscriber resulting from the attachment of the Telephone Company's equipment, apparatus or lines on such premises, or their installation or removal, when such damage is not the result of negligence of the Telephone Company.

ACCESS TO PREMISES OF SUBSCRIBER

For the purpose of installing, repairing, inspecting or removing any part of its equipment, apparatus or lines on the premises of the subscriber, or for making collections, the agents and employees of the Telephone Company shall have entrance thereto at any reasonable hour.

BUSINESS AND RESIDENCE SERVICE CLASSIFICATION

Business rates are applicable in connection with service furnished at a business location or any other place where the service is used primarily or dominantly for business, professional or institutional purposes. If either the main station or any extension connected therewith is located in a place where business rates are applicable, business rates apply to the main station and to all extensions therefrom.

Residence rates apply in private residences where the service is used primarily or dominantly for social or domestic purposes.

USE OF SERVICE

Unless otherwise indicated in this tariff, the use of business service is restricted to the subscriber, his agents and representatives, and the use of residence service is restricted to the subscriber and members of his household.

The subscriber shall not use the service or permit others to use it in such manner as to interfere with the service of other subscribers.

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GENERAL REGULATIONS (cont'd)CONTRACTS FOR SERVICE

The Telephone Company reserves the right to require applications for service to be made in writing on forms supplied by it. Upon acceptance of an application for service, all applicable provisions of the Telephone Company's tariffs lawfully on file become the contract between the Telephone Company and the subscriber. Requests for additional service or changes in service, upon acceptance by the Telephone Company, become a part of the original contract, except that each item of additional service is subject to the appropriate minimum contract term. The acceptance or use of service may be deemed an application for such service and an agreement to pay for it at the rates applicable thereto under the current tariff. Any change in rate or regulations lawfully made acts as a modification of all contracts to that extent without further notice.

Except as otherwise provided in this tariff, service is furnished for a minimum contract term of one month.

FCC DESIGNATED 811 SERVICES

As mandated by the Federal Communications Commission (FCC), in compliance with the Pipeline Safety Improvement Act of 2002, the abbreviated 811 Dialing Code is established for use by commercial and residential consumers to provide advanced notice of excavation activities to certified "One Call" notification systems entities as a toll free call. The certified "One Call" notification systems entity must subscribe to termination facilities and lines in sufficient quantities to provide adequate service to the public. 811 Service is provided for the benefit of the certified "One Call" notification systems entity on a special charge treatment basis as detailed under Special Types of Service and Equipment in Section 1, Sheet 1 of this tariff. The provision of 811 Dialing Code by the Company shall not be interpreted, constructed or regarded, either expressly or implied, as being for the benefit of or creating any Company obligation toward any third person or legal entity other than the certified "One Call" notification systems entity.

The maximum liability of the Company for direct damages or losses of any kind arising out of mistakes, omissions, interruptions, delays, errors or defects in transmission, or failure or defects in any facility furnished by the Company, occurring in the course of furnishing 811 Service, or of the Company in failing to maintain proper standards of maintenance and operation or to exercise reasonable supervision, will in no event exceed an amount equivalent to the proportionate charge to the certified "One Call" notification systems entity for the 811 Service and local exchange services for the period of service during which such mistake, omission, interruption, delay, error or defect in transmission or defect or failure in facilities occurs. The Company will have no liability for any consequential, incidental, or indirect damages or losses, whether or not the customer was aware or should have been aware of the possibility of these damages or losses. The Company is not liable for any losses or damages caused by the negligence or willful misconduct of the certified "One Call" notification systems entity.

DEPOSITS

A deposit, in accordance with Commission regulations at 52 PA Code, Chapter 64 may be required as security for future bills. Interest rates applied to customer deposits held by the Telephone Company are prescribed by the Pennsylvania Public Utility Commission. (C)

Deposits will be returned in accordance with Commission regulations at 52 PA Code, Chapter 64. (C)

The fact that a deposit may have been made in no way relieves the applicant or subscriber from complying with the Telephone company's regulations as to the prompt payment of bills or constitutes a waiver or modification of the regular practices providing for discontinuance of service for non-payment of any sums due the Telephone Company for service rendered.

(C) Represents Text Change to Reflect Current Practice

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GENERAL REGULATIONS (cont'd)CHARGES FOR FRACTIONAL MONTHS

When service is established, the initial charge for local service, equipment and facilities for the fractional part of the current billing month is a pro rata share of the monthly charge.

TAXES ON TELECOMMUNICATIONS SERVICES

The Customer is responsible for the payment of any sales, use, gross receipts, excise, access or other local, state and federal taxes, charges, user fees, or surcharges (however designated) excluding taxes on the Company's net income imposed on or based upon the provision of Local Exchange Services, all of which shall be separately designated on the Company's invoices. Any taxes imposed by a local jurisdiction (e.g., County and municipal taxes) will only be recovered from those Customers residing in the affected jurisdictions. It shall be the responsibility of the Customer to pay any such taxes that subsequently become applicable retroactively.

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GENERAL REGULATIONS (cont'd)

PAYMENT FOR SERVICE

Installation and construction charges, where applicable, must be paid in advance of the establishment of service.

Service connection charges are payable when service is established.

Message charges at Pay Telephones are payable in advance.

Recurring charges for service are billed monthly in advance and are payable when the service has been rendered. Charges for toll message service are billed after the service has been rendered and are payable on request. A late payment charge of 1 ¼% per month for residential and 1 ½ % per month for business and applicable Federal Excise Tax will be charged on bills unpaid after the date due.

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Charges for all local and toll messages sent from the subscriber's telephone station, and for all toll messages received at such station on which charges are reversed with the consent of the person answering the call, are the responsibility of the subscriber.

A statement of account rendered to the subscriber shall be deemed correct and binding upon the subscriber unless objection in writing is received by the Telephone Company within thirty days after rendition of the statement.

RETURNED CHECK CHARGE

A charge of \$30.00 will be made for any checks returned for insufficient funds.

SUSPENSION OF SERVICE

The Telephone Company reserves the right to suspend service for non-payment of bills, in accordance with current billing standards, or for violation of rules and regulations of this tariff, after due notice by the Telephone Company.

The Telephone Company also reserves the right to suspend, without notice, service to facilities that have apparently been abandoned and to demand payment for such service up to and including date of suspension, provided it has not been notified by the subscriber to discontinue service prior thereto.

(C) Indicates Change

GENERAL REGULATIONS (cont'd)LIABILITY OF TELEPHONE COMPANY

In event interruptions, omissions, defects, errors, mistakes or delays in transmission occur in the course of furnishing service, lines and other facilities and are not caused by negligence of the subscriber, the liability of the Telephone Company for damages arising therefrom shall not, except as otherwise provided for in Section 1 Sheet 9 of this tariff, exceed an amount equivalent to the proportionate charge to the subscriber for the period during which such interruption, omission, defect, error, mistake or delay in transmission occurs. Where a local message guarantee applies, a pro rata portion of the guarantee for the period of suspension is allowed. No other liability shall in any case attach to the Telephone Company.

CANCELLATION FOR CAUSE

Service is furnished subject to the condition that it will not be used for an unlawful purpose. Service will not be furnished if any law enforcement agency, acting within its jurisdiction, advises that such service is being used or will be used in violation of law, or if the Telephone Company receives other evidence that such service is being or will be so used.

The Telephone Company may also terminate without advance notice any service which is used in such a manner as to interfere with the service of others or that is used for any purpose other than a means of communication.

TELEPHONE NUMBERS

The Telephone Company reserves the right to change the telephone number or numbers of a subscriber's station or stations as the conditions of the business may require.

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GENERAL REGULATIONS (continued)TELEPHONE DIRECTORIES

Telephone directories issued by the Telephone Company to its subscribers and patrons without charge are the property of the Telephone Company.

The Telephone Company, except as provided herein, shall not be liable for damage claimed on account of errors in, or omissions from, its directories, nor for the result of publication of such errors in the directory, nor will the Telephone Company be a party to controversies arising between subscribers or others as a result of listings published in its directories.

Claims for damages on account of interruptions to service due to errors in or omissions of directory listings will be limited to an amount equivalent to the proportionate charge for that part of the customer's service which is impaired, but not to exceed one-half the local service charges for the service items affected for the period from the date of issuance of the directory in which the mistake occurred to the date of issuance of a new directory containing the proper listing.

OVERTIME WORK

When, at the subscriber's request, work is performed at other than regular business hours of the Telephone Company, an extra charge for such work will be made to compensate for the current overtime wage rates.

TOLL MESSAGE RATES

Rates, rules and regulations governing toll or long distance messages are contained in the toll tariff Windstream D&E, Inc. Message Toll Service Tariff- PA P.U.C. No. 20.

EMPLOYEE DISCOUNT SERVICE

The Company reserves the right to furnish free or half-rate service and free toll service to its employees as it may consider necessary for the proper maintenance of its service.

GENERAL REGULATIONS  
(Continued)

IDENTIFICATION OF PUBLIC ANNOUNCEMENTS

For the purposes of identification, subscribers to telephone service who transmit recorded public announcements over facilities provided by the Telephone Company must include in the recorded message the name of the organization or individual responsible for the service and the address at which the service is provided. Subscribers transmitting factual public announcements such as Time, Weather, Stock Market quotations, Airline schedules and similar information are excluded from the preceding condition.

For subscribers not complying with the foregoing the announcing device will be subject to disconnection from the telephone lines.

The Telephone Company reserves the right to release, upon request, the names and addresses of subscribers who transmit recorded or taped public announcements over telephone company facilities, when the announcing device is provided by either the telephone company or the subscriber.

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GENERAL REGULATIONS

STATE TAX ADJUSTMENT SURCHARGE

In addition to the charges provided in this tariff and other intrastate toll and access tariffs in which this company concurs, a surcharge, as shown below, will apply to all intrastate charges for service on or after September 1, 2009 except on calls from pay telephones.

For Services provided to:	<u>Surcharge Rate</u>	
End User	0.000% *	(C)
Access User	0.000% *	
Local Exchange Carriers	0.000% *	(C)

The above charges will be recomputed, using the same elements prescribed by the Commission:

- a. Whenever any of the tax rates used in calculation of the surcharge are changed.
- b. Whenever the utility makes effective any increased or decreased rates.
- c. And on March 31, 1971, and each year thereafter.

The above recalculations will be submitted to the Commission within 10 days after the occurrence of the event or date which occasions such recomputation; and that if the recomputed surcharge is less than the one in effect the Utility will, and if the recomputed surcharge is more than the one then in effect the Utility may, submit with such recomputation, a tariff or supplement to reflect such recomputed surcharge, the effective date which shall be 10 days after filing.

\* This percentage represents the STAS percent to be applied for the September 1, 2011 to August 31, 2012 billing.

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GENERAL REGULATIONS (cont'd)ALLOWANCES FOR TELEPHONE SERVICE INTERRUPTIONS

When main telephone service is interrupted for a period of at least 24 hours, the company, after due notice by the customer, shall apply the following schedule of allowances except in situations as provided in Paragraph 2:

1. (a) 1/30 of the tariff monthly rate of all services and facilities furnished by the company rendered inoperative by the company to the extent of being useless for each of the first three (3) full 24 hour periods during which the interruption continues after notice by the customer of the company conditioned that the out-of-service extends beyond a minimum period of 24 hours.
- (b) 2/30 of each full 24 hour period beyond the first three 24 hour periods. However, in no instance shall the allowance for the out-of-service period exceed the total charges in a billing period for the service and facilities furnished by the company rendered inoperative to the extent of being useless.
2. When service is interrupted for a period of at least 24 hours due to such factors as storms, fires, floods or other conditions beyond the control of the company, an allowance of 1/30 of the tariff monthly rate for all services and facilities furnished by the company rendered inoperative to the extent of being useless shall apply for each full 24 hours during which the interruption continues after notice by the customer to the company.

Nothing contained herein and no tariff adopted hereto shall limit any responsibility or liability on the part of a telephone company to a customer which would exist pursuant to law but for this rule and said tariff.

The foregoing allowances shall not be applicable where service is interrupted by the negligence or willful act of the customer to service or where the company pursuant to the terms of the contract for service suspends or terminates service for non-payment of charges or for unlawful or improper use of facilities or for any other reason provided for in the filed and effective tariff.

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GENERAL REGULATIONS (cont'd)Promotional Offerings

The Company may, from time to time, offer services at reduced rates and/or charges at no rate or charge for promotional, market research, training or experimentation purposes. Promotional Offerings may include a combination of the reduced rates or no charge of monthly and/or reduced or no charge for non-recurring charges. These Promotional Offerings may be limited to certain dates, times, and/or locations, but will not have a duration of longer than six (6) months in any rolling twelve month period which commences as of the effective date of the filed promotion (multiple promotions can occur during this twelve month period). The Company will notify the Commission of any such customer promotional offering no less than one (1) day prior to the commencement of the promotion.

Any eligible customer will be allowed to participate in a promotional offering upon request, provided the Company has the necessary facilities and billing capabilities to permit such participation and is subject to limitations of the central office that provides the customer's local service.

For all promotional offerings which involve usage or monthly rates, the Company will provide customers with a notice of the promotional and post promotional rate(s) for the promoted service(s) at the time the promotional offering is made. Notification of Promotional Offerings shall be accomplished by any one or a combination of the following but not limited to:

- Direct Mail
- Bill Insert
- Broadcast Media
- Newspaper Advertisement
- Telemarketing

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GENERAL REGULATIONS (cont'd)Single-Rate Package Offerings

The Company may offer single - rate service packages. The rate charged for such a package shall not exceed the sum of the rates of the component parts of the package.

Cancellation or Change of Application for Service Prior to Establishment

When an application for a specially designed and engineered service is canceled or changed, in whole or in part, by the applicant prior to the establishment of service, the applicant is required to pay the Telephone Company, upon request, the aggregate of the costs and expenses incurred by the Telephone Company, for any work performed upon the application prior to the cancellation or change of the service.

The payment to the Telephone Company required of the applicant shall not exceed the aggregate of the non-recurring service connection and minimum contract period charges, including, but not limited to, construction and termination charges, which would have applied if the service and facilities had been established prior to such cancellation, change, or change in location.

Applicable Cancellation or Change Charges are determined on an individual case basis taking into consideration the following: The proportion of the provisioning functions completed by the Telephone Company at the time the request for cancellation or change is received.

- The corresponding proportion of the non-recurring Installation charges or Connection charges as specified in the appropriate Section of this Tariff and in other Tariffs of the Telephone Company.

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GENERAL REGULATIONS (cont'd)COMMITMENT TO QUALITY GUARANTEE

The Commitment to Quality Guarantee applies to the installation and repair of residence service. Under this program, a credit of \$25.00 will be awarded to residential customers if the Company does not perform as follows:

- Comply with or renegotiate, under any circumstances, a commitment date promised to a customer.
- Complete the installation of an initial line within 3 working days of receipt of an application (unless the applicant requests a later date or when construction is required).
- Complete the installation of a secondary line within 10 working days of receipt of an application (unless the applicant requests a later date).
- Activate or deactivate custom calling features within 24 working hours of the service order request (unless the customer requests a later date or where facilities are not available).
- Respond and take substantial action to clear out-of-service trouble of an emergency nature whenever the outage occurs within 3 hours consistent with the needs of customers and the personal safety of Company employees.
- Respond and take substantial action to clear other out-of-service trouble, not requiring unusual repair, within 24 hours, except isolated weekend and holiday outages (unless the customer requests a later date).

The Company's Commitment to Quality Guarantee applies only to the installation and/or repair of Company-owned facilities used to provide residential service and excludes customer caused delays, extreme adverse weather conditions, unsafe working conditions and other supervening causes beyond the Company's control.

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GENERAL REGULATIONS (cont'd)BROADBAND SCHOOL DISCOUNT

The company shall offer school customers in its service territory, that meet the eligibility standards described in 47 CFR §54.501 (relating to eligibility for services provided by telecommunications carriers) and that agree to enter into a minimum three-year contract, a thirty (30%) percent discount in the otherwise applicable tariffed distance sensitive per-mile rate element, and also will waive the associated nonrecurring charges, for available intrastate broadband services (as defined by Act 183 of 2004) where used for educational purposes and not for the provision of telecommunication services to the public for compensation. The discount or waiver shall not be required where application of it to a particular service would conflict with applicable law.

TELECOMMUNICATIONS SERVICE PRIORITY

Telecommunications Service Priority (TSP) provides for priority treatment to provision and restore National Security and Emergency Preparedness (NSEP) telecommunications services.

NSEP services are defined as those telecommunications services, which are used to maintain a state of readiness or respond to and manage any event or crisis which causes or could cause injury to harm to the population, damage or loss to property, or regrades or threatens the NSEP posture of the United States.

TSP services fall into two categories, Emergency and Essential. Emergency Services are newly ordered services so critical as to offer provisioning at the earliest possible time, without regard to the service user's cost. Essential Services are all other NSEP services assigned restoration and/or provisioning priorities within the system.

TSP service shall be provided in accordance with Part 64.401, Appendix A of the Federal Communications Commission's Rules and Regulations as well as the guidelines set forth in "Telecommunications Services Priority System for National Security Emergency Preparedness Service Vendor Handbook" dated July 9, 1990, and "Telecommunications Service Priority System for National Security Emergency Preparedness Service User Manual."

DEFINITIONS OF TERMS

Access Line

Denoted the line between the serving central office and the customer's premises.

Additional Listing

Any directory listing of a name or information in connection with a customer's telephone number in addition to the primary listing furnished by the Company without charge in connection with basic service.

Applicant

Any person, partnership, cooperative corporation, corporation, or any combination thereof requesting affirmative service or action from the Company.

Call

An attempted communication, whether completed or not.

Central Office

A switching unit in telecommunications system which provides service to the general public, having the necessary equipment and operating arrangements for the terminating and interconnecting of exchange access lines and trunks or trunks only. There may be more than one central office in a building or exchange.

Channel

A path, or combination of paths, for electrical communication between two or more stations or Company offices and furnished in such a manner as the Company may elect, whether by wire, radio or combination thereof and whether or not by means of a single physical facility or route.

Channel Terminal

The facilities required for terminating and connecting a channel of the base capacity to a station and also the facilities required where, at the request of the customer, such an interexchange channel is terminated in a Company office.

Commission

The Pennsylvania Public Utility Commission.

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DEFINITIONS OF TERMSCompany

As used in this tariff, Company is Windstream D&E, Inc.

Customer

Any person, firm, partnership, corporation, municipality, cooperative corporation or governmental agency furnished communication service by the Company under provisions and regulations of this tariff and is responsible for the payment of charges and compliance with the rules and regulations of the Company.

Directory

A book which alphabetically lists each customer's address and telephone number.

Directory Listing

The publication of the Company's directory and/or directory assistance records, of information relative to a customer's telephone number, by which telephone users are enabled to ascertain the call number of a desired station.

End User

The occupant of the premises who uses and pays for the telephone service received and does not resell it to others.

Exchange

A geographical area established by the Company for the administration of telecommunications service in a specified physical area for which a separate local rate schedule is provided. The area usually embraces a city, town, or village and its environs. It consists of one or more central offices, together with associated plant facilities used in furnishing telecommunications services in that area.

Exchange Access Line

A central office line which provides access to the exchange telephone network for local and long distance telephone service.

Exchange Area

The area within which the Company furnishes complete telephone service from one specific exchange at the exchange rates applicable within that area.

Foreign Exchange

Local Service provided to an end user in an exchange outside (foreign to) the exchange where the customer is physically located. End users provided foreign exchange service are charged local service charges plus additional charges pursuant to Section 6 of this Tariff.

---

DEFINITIONS OF TERMSLocal Call

A communication channel between customers physically located within the local service area (local calling area).

Local Service

The communication (by means of facilities connected with a Company central office or offices and under the provisions of the Company) between customers physically located in the same exchange or in different exchanges included in the local service area (local calling area).

Local Service Area (Local Calling Area)

The area within which telephone service is furnished to customers under a specific schedule of exchange rates and without toll charges. A local service area may include one or more exchange areas under extended area service arrangements.

Local Service Charge

The charge for furnishing facilities to enable a customer to send or receive telecommunications within the local service area.

Mileage

The measurement (airline, route, etc.,) upon which a charge for the use of part or all of a circuit furnished by the Company is based.

Nonrecurring Charge

A one-time charge associated with certain installations, changes or transfers of services, either in lieu of or in addition to recurring monthly charges.

Private Line

A circuit provided to furnish dedicated communication between two or more directly connected locations and not having connection with central office switching apparatus.

Service Charges

Nonrecurring charges applying to the provision of telephone service. Service charges are in addition to all other rates and charges that may be applicable for services provided by the Company.



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DEFINITIONS OF TERMS

Subscriber

See CUSTOMER or END USER

Tariff

The schedule of the Company containing all rates, tolls and charges stated separately by type or kind of service and the customer class, and the rules and regulations of the Company stated separately by type or kind of service and the customer class as filed with the Commission.

Telephone Number

A numerical designation assigned to a telephone station for convenience in operation and identification. The telephone numbers include the number prefix of a central office, which is termed Central Office Designation.

Toll Service

That part of the total telephone service rendered by the Company which is furnished between different local service areas in accordance with the rates and regulations specified in the Long Distance Message Telecommunications Tariff as may be issued or concurred in by the Company.

Touch Tone

A service arrangement whereby calls are originated through the use of a telephone equipped with push button keys instead of a rotary dial.

LOCAL EXCHANGE SERVICEA. General

1. Local exchange service with network access includes the central office equipment with push button dialing capability, outside plant distribution wire and cable, drop wire and station protector.
2. The monthly rates shown in Paragraph A.4.b and Paragraph B following do not include any terminal equipment telephones, ringers, couplers, or inside wiring.
- 3.
4. Exchange Rate Classifications
  - a. The monthly rates, as shown in Paragraph b following, are classified into Rate Groups on the basis of the number of access lines in the local calling area of each exchange. The number of access lines for each exchange is the sum of the total business and residence access lines plus PBX Trunks and equivalent Centrex-type lines.
  - b. The tables for Rate Groups by Access Line Limit and Monthly Rates by Rate Group follow:

Table of Rate Groups by Access Line Limit

<u>Rate Group</u>	<u>Access Line Limit Local Calling Area</u>	<u>Exchanges</u>
I	0 - 10,000	
II	10,001 - 30,000	
III	30,001 - 60,000	
IV	60,001 - 100,000	Denver
V	100,001 - 150,000	
VI	150,001 - 200,000	Adamstown, Akron Ephrata, Lititz and Manheim
VII	200,001 - 250,000	

LOCAL EXCHANGE SERVICE (cont.)

A.4.b (continued)

Table of Monthly Rates by Rate Group

<u>Rate Group</u>	<u>BUSINESS:</u>			<u>RESIDENCE:</u>	
	<u>One Party</u>	<u>PBX Trunk</u>	<u>Pay Telephone</u>	<u>One Party*</u>	
I	\$17.90	\$17.90	\$14.23	\$13.20	
II	\$19.65	\$19.65	\$15.98	\$14.13	
III	\$21.50	\$21.50	\$17.83	\$15.11	
IV	\$24.99	\$23.50	\$19.83	\$19.26	(I)
V	\$25.50	\$25.50	\$21.83	\$17.22	
VI	\$29.30	\$27.55	\$23.88	\$19.27	(I)
VII	\$29.65	\$29.65	\$25.98	\$19.38	

- c. When the Company proposes to reclassify service in an exchange from one Rate Group to another because of an increase or decrease in the number of access lines, notice of the reclassification to the proper Rate Group shall be given by filing revised Tariffs with the Commission. Such revised Tariffs will be filed only (1) when the number of access lines has exceeded or fallen below its Rate Group access line limits as determined on two consecutive semi-annual reviews, provided that the two most recent consecutive reviews exceed the lower limit or fall below the upper limit of the new Rate Group by at least two percent, or (2) when an additional exchange is added to the local calling area of the exchange and the new number of access lines exceeds the upper limit of the Rate Group.

\*At such time when the Company's residential weighted average one-party rate exceeds the residential one-party local service cap as established by the PA PUC, this tariff provision will be supplemented to reflect the necessary USF credit for the amount in excess of the maximum residential one-party local service cap as well as a proportionate credit for the one-party business rate, pursuant to relevant Commission Order.

(I) Indicates Increase

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LOCAL EXCHANGE SERVICE (cont.)

B. Monthly Rates

1. Adamstown Exchange

- a. Within the exchange area as shown on map, Section 13, Sheet 1, the following rates apply:

<u>Grade of Service</u>	<u>Business</u>	<u>Residence</u>	
One-Party	\$29.30	\$19.27	(I)
PBX Trunk	\$27.55	--	
Pay Telephone	\$23.88	--	

- b. The local service area for Adamstown exchange includes the following additional exchanges:

Akron, Denver, Ephrata, Lititz, Manheim, Terre Hill and Reading

(I) Indicates Increase

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LOCAL EXCHANGE SERVICE (cont.)

B. Monthly Rates (continued)

2. Akron Exchange

- a. Within the exchange area as shown on map, Section 13, Sheet 2, the following rates apply:

<u>Grade of Service</u>	<u>Business</u>	<u>Residence</u>	
One-Party	\$29.30	\$19.27	(I)
PBX Trunk	\$27.55	--	
Pay Telephone	\$23.88	--	

- b. The local service area for Akron exchange includes the following additional exchanges:

Adamstown, Denver, Ephrata, Lititz, Manheim, Leola, New Holland, Terre Hill and Lancaster

(I) Indicates Increase

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LOCAL EXCHANGE SERVICE (cont.)

B. Monthly Rates (continued)

3. Denver Exchange

- a. Within the exchange area as shown on map, Section 13, Sheet 3, the following rates apply:

<u>Grade of Service</u>	<u>Business</u>	<u>Residence</u>	
One-Party	\$24.99	\$19.26	(l)
PBX Trunk	\$23.50	--	
Pay Telephone	\$19.83	--	

- b. The local service area for Denver exchange includes the following additional exchanges:

Akron, Adamstown, Ephrata, Lititz, Manheim, and Terre Hill

(l) Indicates Increase

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LOCAL EXCHANGE SERVICE (continued)

B. Monthly Rates (continued)

4. Ephrata Exchange

- a. Within the exchange area as shown on map, Section 13, Sheet 4, the following rates apply:

<u>Grade of Service</u>	<u>Business</u>	<u>Residence</u>	
One-Party	\$29.30	\$19.27	(I)
PBX Trunk	\$27.55	--	
Pay Telephone	\$23.88	--	

- b. The local service area for Ephrata exchange includes the following additional exchanges:

Akron, Adamstown, Denver, Lititz, Manheim, Leola, New Holland, Terre Hill, and Lancaster

(I) Indicates Increase

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LOCAL EXCHANGE SERVICE (cont.)

B. Monthly Rates (continued)

5. Lititz Exchange

- a. Within the exchange area as shown on map, Section 13, Sheet 5, the following rates apply:

<u>Grade of Service</u>	<u>Business</u>	<u>Residence</u>	
One-Party	\$29.30	\$19.27	(l)
PBX Trunk	\$27.55	--	
Pay Telephone	\$23.88	--	

- b. The local service area for Lititz exchange includes the following additional exchanges:

Adamstown, Akron, Denver, Ephrata, Manheim, Leola, Lancaster and Landisville

(l) Indicates Increase



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LOCAL EXCHANGE SERVICE (cont.)

B. Monthly Rates (continued)

6. Manheim Exchange

- a. Within the exchange area as shown on map, Section 13, Sheet 6, the following rates apply:

<u>Grade of Service</u>	<u>Business</u>	<u>Residence</u>	
One-Party	\$29.30	\$19.27	(I)
PBX Trunk	\$27.55	--	
Pay Telephone	\$23.88	--	

- b. The local service area for Manheim exchange includes the following additional exchanges:

Adamstown, Akron, Denver, Ephrata, Lititz, Mt. Joy  
Lancaster and Landisville

(I) Indicates Increase

---

LOCAL EXCHANGE SERVICE (cont.)C. Term Discount Plan

## 1. General

- a. A Term Discount Plan (TDP) is available to business customers who have four (4) or more lines/trunks at the same location and billed under a single bill or who have four (4) or more lines/trunks at different locations and billed under a single bill. Fewer than four (4) lines/trunks billing under a single bill are not eligible for the TDP rates, regardless of whether the customer in total subscribes to four (4) or more lines/trunks.
- b. Lines/trunks may be ordered under a TDP for a fixed period of three (3) and (5) years.
- c. The customer must specify the length of the initial service period at the time the service is ordered. A signed written contract is required.
- d. Line/trunk rates under a TDP will be frozen at existing rates at the time of the agreement. In addition discounts as set forth in 3 following are available for the term of the TDP.
- e. At the end of the TDP commitment period the customer may renew the TDP under the terms in effect at the time of expiration or subscribe to a new TDP at current discounts as set forth in 3 following. If the customer does not specify renewal terms in writing 90 days prior to the expiration of the TDP, the commitment period and the rates in effect at the time of expiration will automatically be extended for 12 months. The customer can terminate service at the end of the minimum commitment period with no penalty or obligation to continue the service.
- f. The customer can extend TDP commitment periods at any time during the term of the plan, up to a maximum of five years. The number of months under the original term plan will apply toward the new term plan selected.
- g. Non-recurring charges as specified in Section 5 of this tariff apply. Line Connection Charges are applicable on new service installs. Existing customers who subscribe to a TDP will incur a Record Service Charge.

LOCAL EXCHANGE SERVICE (cont.)C. Term Discount Plan (cont.)

## 2. Termination Liability Charges

- a. If a business customer under a TDP disconnects any portion of the TDP service prior to the expiration of the TDP, then a Termination Liability Charge will apply to those services that are disconnected. The Termination Liability Charge will be a one-time charge equal to the sum of 50% of the payments for the remainder of the TDP. Should a customer drop below the line/trunk minimum requirement, the customer will no longer qualify for the TDP, and the remaining lines/trunks will default to the standard month-to-month rates effective with the disconnect date.

## 3. Discounts

- |                |     |
|----------------|-----|
| a. Three Years | 5%  |
| b. Five Years  | 10% |

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LOCAL EXCHANGE SERVICE (cont.)

C. LIFELINE SERVICE

1. DESCRIPTION

Lifeline Service is a federally funded program established to provide monthly assistance to residential low income households who qualify for this service in accordance with the following Regulations.

2. REGULATIONS

a. Lifeline Service is available to qualified residence customers and is provided via a residence individual Dial Tone Line. Lifeline Service is limited to only one Service per qualified customer or household (A household is defined as “any individual or group of individuals who are living together as one economic unit”. An economic unit is “all adult individuals contributing to and sharing in the income and expenses of a household”). However, a qualified residence customer or household is not eligible for Lifeline Service if they are currently receiving a Lifeline program discount on another service supported by the Federal Communications Commission. A potential Lifeline customer who has an outstanding final bill for telephone service which is less than (4) years old must pay the entire balance of any Basic Service final bill before being eligible for Lifeline Service.

(C)  
↑

b. Residence Lifeline Service consists of the following tariffed standard features and optional customer elected services at the applicable rates, charges and regulations for each feature and service provided:

1. One-Party Residence Unlimited Service and Local Measured Service, if available.
2. Directory Listing (standard only).
3. Non-Published or Non-Listed Telephone Number Service.
4. Access to Directory Assistance Service.
5. Touch Tone Calling Service.
6. Access to Message Toll Telephone Service and Optional Dial Station-To-Station Calling Plan Services. However, the Residence Lifeline Dial Tone Line will be blocked from dial station access to 976/556/900 and any other type of Audiotex Service.
7. Access to Operator Services.
8. Voluntary Toll Restriction Option.
9. Access to 800/888 Services.
10. Access to Call Trace.
11. Access to Alerting and Reporting Systems (9-1-1 dialing).
12. Access to the Pennsylvania Telecommunications Relay Service.
13. Caller ID Per-call and Per-line Blocking
14. Other telecommunications services at tariffed rates

(C) Indicates Change

LOCAL EXCHANGE SERVICE (cont.)

C. LIFELINE SERVICE (cont.)

2. REGULATIONS (cont.)

c. An applicant for Lifeline Service must be a current participant in one of the following eligibility programs, or be able to provide proof of household income which is at or below 135% of the annual United States Census Bureau Poverty Level Guidelines For All States (Except Alaska and Hawaii) and the District of Columbia. (C)

Recertification of Lifeline Service participants must be conducted annually to ensure continued eligibility. Lifeline customers have the responsibility to notify the Telephone Company within thirty (30) days of a change in eligibility status if they no longer qualify for Lifeline Service. (C)

Pennsylvania Department of Human Services (DHS) Programs:

- Supplemental Security Income (SSI)
- Medicaid
- Supplemental Nutrition Assistance Program (SNAP)

Additional Eligible Programs (Federal)

- Federal Public Housing
- Veteran's Pension or Survivor's Pension Benefit

\* \* \*

d. Lifeline Service will be provided to a customer only so long as such customer continues to meet the participation and certification guidelines in 2 (c) above. At the time of initial establishment of Lifeline Service, the customer agrees to have his or her eligibility recertified annually. When the Company is notified by the customer or determines through recertification that the Lifeline Service customer is no longer a participant in the eligibility programs in 2 (c) above or otherwise low-income eligible, the customer will be notified (by telephone or letter) that the Lifeline Service rate is no longer applicable. Within the stated customer notification period (60 days from the date of the notification), the customer can contact the Company to negotiate new Dial Tone Service arrangements at applicable tariff rates (no connection charges will apply for existing services or options retained). If the customer does not contact the Company by the end of the notification period, the Lifeline Service will be changed to applicable Exchange Area Dial Tone Line service at existing tariff rates (no connection charges will apply to existing services or options retained). (C)

(C) Indicates Change

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LOCAL EXCHANGE SERVICE (cont.)

C. LIFELINE SERVICE (cont.)

2. REGULATIONS (cont.)

- e. A Lifeline Service customer may not subscribe to any other type of residence Local Exchange Service at the same or other premises. Lifeline Service will not be provided via Foreign Exchange or Foreign Central Office Service arrangements.
- f. Only services listed in 2 (b) above will be provided to Lifeline customers.
- g. Customer requested temporary suspension of Lifeline Service is not permitted.
- h. Lifeline Service does not apply to applicants who are full time students living in university or college controlled housing.

\*\*\*\*\*

- i. Lifeline customers are subject to all Residence service regulations in this and other tariffs of D&E Telephone Company.
- j. Residence Lifeline Service cannot be resold by the Lifeline customer or the Lifeline customer's agent(s).
- k. All outstanding charges, account balances and service restrictions apply to existing customers who qualify for Lifeline Service. Service restrictions will remain until the arrearage(s) have been paid in full.
- l. Any Lifeline customer who has a past due balance of Toll Charges will be treated with the appropriate Chapter 64 regulations. The Residence Toll Restoral Charge applies to Lifeline Customers who are suspended for non-payment and who subsequently pay their outstanding toll charges and request toll restoral. If a Lifeline customer is toll restricted for a second occurrence the Company may, at its discretion, place the Lifeline customer on permanent toll restriction.
- m. Toll-Blocking and Toll-Control services will be provided at no charge to Lifeline Service subscribers, to the extent that they are offered.

(C)

(C) Indicates Change

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LOCAL EXCHANGE SERVICE (cont.)

C. LIFELINE SERVICE (cont.)

3. DIAL TONE LINE MONTHLY RATE

- a. Applicable Residence Dial Tone monthly rate minus \$5.25 <sup>(1)</sup>. (D)
- b. Lifeline Service is subject to all applicable state, local and federal taxes, and surcharges, and to all applicable tariff rates, charges, surcharges and regulations.

NOTE:

- <sup>(1)</sup> See FCC Public Notice released May 1, 2012, In re: *Lifeline and Link Up Reform and Modernization et al.*, Report and Order and Further Notice of Proposed Rulemaking, WC Docket Nos. 11-42 et al., CC Docket No. 96-45, FCC 12-11 (rel. Feb. 6, 2012) and subsequent orders.

(D) Indicates Decrease

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LOCAL EXCHANGE SERVICE (cont'd)D. DIRECT INWARD DIALING (DID) SERVICE1. Description

- 1.1 This service permits incoming dialed calls from the exchange network to reach a specific station line without the assistance of an attendant through the use of a seven digit number.
- 1.2 DID service requires special central office equipment and is furnished only where facilities permit.
- 1.3 This service is normally provided from the central office which serves the Customer's location, if that central office is equipped with the necessary facilities and telephone numbers can be made available. DID service is furnished with compatible systems.
- 1.4 The monthly and non-recurring charges specified are in addition to the rates shown elsewhere in this Tariff for associated services.
- 1.5 The regulations governing the provision of telephone numbers in connection with Direct Inward Dialing are:
  - 1.5.1 DID is furnished in groups of twenty (20). Whenever possible, the Company will provide telephone numbers arranged consecutively in a group, but will not guarantee nor accept responsibility for providing such an arrangement.
  - 1.5.2 The Company accepts no responsibility for reserving telephone numbers to be used at some future time. Should the provision of additional service necessitate telephone number changes, Tariff charges specified elsewhere in this Tariff apply.
  - 1.5.3 Where DID is furnished on more than one group of incoming dial tone lines, each such group shall be considered as a separate service and charged accordingly, and the service must be provided on all dial tone lines in a dial tone line group. A dial tone line group is any quantity of central office lines bearing the same exchange prefix code.
  - 1.5.4 Where DID is furnished and all numbers in a group have not been connected for service, the Customer shall be responsible for providing interception of calls to vacant or nonworking assigned station lines or telephone numbers by means of attendant intercept or recorded announcement service.



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LOCAL EXCHANGE SERVICE (cont'd)

D. DIRECT INWARD DIALING (DID) SERVICE (cont'd)

2. Rates

	<u>Monthly Charge</u>	<u>Non-recurring Charge</u>
Each group of 20 DID Station Numbers	\$5.60	\$125.00 (initial) \$35.00 (additional)
DID CO trunk termination, per termination	\$ 27.00 (I)	

SECTION 4  
LOCAL EXCHANGE SERVICE

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LOCAL EXCHANGE SERVICEISDN BRI

(INTEGRATED SERVICES DIGITAL NETWORK - BASIC RATE INTERFACE)

General Description

Individual Line Basic Rate Interface (BRI) Service is a stand-alone service arrangement, which uses the ISDN architecture to provide the customer with the capabilities of simultaneous access, transmission, and switching of voice, data and imaging services via channelized transport. Customers subscribing to Individual Line BRI must comply with ISDN Basic Rate Network Interface specifications as specified by the Company. The ISDN Basic Rate Interface is comprised of a limited set of standard user-network interfaces. The BRI customer premises equipment (CPE) located at the customer premise must be compatible with the network interface.

The BRI ISDN arrangement provides two communications channels between a telephone (or computer, facsimile, or other equipment) and the digital central office. These channels are called Bearer, or B Channels. Another channel, called the Delta or D Channel, is used for signaling purposes. The complete BRI ISDN line is known as 2B + D.

**B Channel** - The B Channel is a bi-directional synchronous channel capable of supporting digital transmission speeds of up to 64 kilobits per second (kbps). Some serving central offices may be limited to speeds of 56 kbps. ISDN interconnection to or through non-ISDN equipped central offices will be sub-rated to 56 kbps per channel. Each B Channel may be configured in one of the following ways:

**Circuit-Switched Voice** - Allows the user to originate and receive only voice calls over a single circuit-switched B Channel,

**Circuit-Switched Data** - Allows the user to originate and receive only data calls over a single circuit-switched B Channel,

**Alternate Circuit-Switched Voice/Data** - Allows the user to originate and receive either voice calls or data calls over a single circuit-switched B Channel, but not simultaneously.

**D Channel** - The D channel is a 16 kbps digital signaling channel that carries signaling and control for the B Channels.

---

LOCAL EXCHANGE SERVICE (cont'd)ISDN BRI (cont'd)Directory Numbers

- ③ **Primary Directory Number** - Each B Channel includes a single primary telephone directory number. On a given 2B+D ISDN line, calls are routed to the appropriate terminal device (voice telephone or computer/data terminal) based on the type of call (voice or data) presented to the Advanced Digital Services.
- ③ **Secondary Directory Numbers** - ISDN service may have additional telephone directory numbers. The additional telephone number(s) may originate or receive calls independent of the user's Primary Directory Number; however, each B Channel is allowed only one simultaneous circuit connection at a time.

Circuit Switching Service Descriptions

Circuit Switching is a switching technique in which an entire circuit or, in a digital switch equipped for ISDN, a specific selection of time slots is dedicated to a given call. Circuit-Switched Service provides the ability to originate and receive circuit-switched voice and/or data calls over a 56/64 kbps B Channel. The customer may choose among the following Circuit-Switched features based upon application needs:

- ③ **Additional Call Offering** - This feature allows the user to be notified of an additional call when the telephone set is busy. Multiple incoming calls to a directory number or secondary telephone number (if purchased) can be terminated to the telephone.
- ③ **Flexible Calling** (CPE must support) - includes the following three features: Three-way Calling, Drop Last Call, and Transfer.
- ③ **Custom Calling Services** - Applicable Custom Calling Services are available at rates and charges specified in the Custom Calling Services section of the Company's tariff. The following Custom Calling features will be available to the ISDN BRI customer:

Call Forwarding - This feature allows calls to be redirected from one station to another station.

Caller ID - This feature displays the calling number and name if available.

---

LOCAL EXCHANGE SERVICE (cont'd)ISDN BRI (cont'd)Electronic Key Features

Electronic Key Features provide the customer with the ability to access the following features where available:

**Automatic Exclusion** - Automatically inhibits other stations from picking up a call on hold or bridging onto a call that is active at that station. This feature must be used in conjunction with Shared Call Appearances for a Directory

**Call Pickup - Originating and Terminating** - Allows a station user to answer any call within an associated predetermined pickup group. If more than one line within the pickup group has an unanswered incoming call, the call to be answered is selected by the switching system.

**Drop** - Allows the user to drop the last party added to a conference call. For a two-party call, this will terminate the call. The features must be used in conjunction with three-way calling. Three-way calling charges will apply as specified in the Telephone Company's appropriate tariff.

**Feature Function Button** - Allows the user to assign certain features to a particular button on his/her ISDN set. When depressed, the button will activate the assigned feature.

**Hold** - Allows the user to place a call on hold.

---

LOCAL EXCHANGE SERVICE (cont'd)

ISDN BRI (cont'd)

Electronic Key Features (cont'd)

**Key System Coverage for Analog Lines** - Allows an ISDN set to provide call coverage for an analog set.

**Multiple Call Appearances of a Directory Number** - Allows the user to have more than one appearance of his/her directory number assigned to his/her set, providing the capability of multiple incoming or outgoing calls associated with that directory number. Multiple incoming calls to this directory number can be terminated to the telephone if idle call appearances are available to accept the calls.

**Outgoing Called Line Identification for ISDN sets** - Provides a user originating a call with information about the called party and the facility or destination.

**Shared Call Appearances for a Directory Number** - Allows a directory number from one terminal to appear as a call appearance on the terminals of other users.

**Short Hunt** - Permits incoming calls to hunt over a set of directory number appearances in search of an idle directory number on which to terminate.

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LOCAL EXCHANGE SERVICE (cont'd)

## ISDN BRI (cont'd)

Regulations

1. Unless specifically exempted, ISDN shall be subject to all general regulations applicable to the provision of service by the Company as stated in this tariff.
2. ISDN is provided at the option of the Company. This service is furnished subject to central office switching capacity, the availability of outside plant facilities, and the necessary billing capabilities. The availability, functionality, and capabilities of ISDN may vary, or may not be available, dependent upon the type of serving central office switch, related software controlling that switch, hardware, and associated outside plant.
3. ISDN BRI Service includes a dialtone line rate and consists of 2 B Channels and 1 D Channel.
4. ISDN BRI Service includes 2 telephone numbers, one optional directory listing and one yellow page listing (if customer is a business and would request). Non-published and non-list charges are waived.
5. ISDN BRI service does not function during power failures.
6. Directory Listings: One directory listing is provided without charge for each ISDN customer. Additional listings may be provided as specified in Section 10 of this tariff.
7. This tariff for ISDN does not include terminal equipment on the customer's premise. It is the customer's responsibility to provide necessary power and obtain such equipment.
8. Circuit-switched calls will be billed on a usage sensitive basis. Toll calls shall apply when circuit-switched data or voice calls are made outside of the customer's designated local calling area.
9. Applicable 911 and PA Relay Surcharges apply per B-channel.

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LOCAL EXCHANGE SERVICE (cont'd)

## ISDN BRI (cont'd)

Central Office Arrangements

This service is available only from central offices that have the necessary facilities to provide ISDN on the standard network platform. In the event that a customer is served from a central office that is not equipped with these services, the Telephone Company may, at its discretion, provide ISDN from an alternate serving central office at no additional charge to the customer. The customer must accept the serving location assigned by the Company, and must agree to revert to service from the normal serving central office at such time as ISDN service is available in that office.

This arrangement may require that the customer accept a directory number change to a number associated with the alternate central office.

Calls that are originated by a customer using this method will be billed as if the calls were placed from the serving central office. Calls that are terminated to a customer using this method will be billed as if the calls were placed to

the customer's normal serving central office.

When ISDN subsequently becomes available from the customer's normal serving central office, the customer will be reconnected to the normal serving central office. This may also require a directory number change. If and when such changes occur, the non-recurring charge associated with the change will not be applicable. If the customer does not wish to take service from the normal central office after such service becomes available, but continues to utilize service from the alternate serving central office, charges for foreign exchange service will apply. If foreign exchange service is used, the rates for foreign exchanges will be applied in addition to the ISDN rates.



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LOCAL EXCHANGE SERVICE (cont'd)

ISDN BRI (cont'd)

Rates

Usage Allowance:	<b>MONTHLY</b>			<b>NONRECURRING</b>
	<u>20 Hours</u>	<u>100 Hours</u>	<u>Unlimited</u>	
BRI Service	\$ 45.00	\$ 65.00	\$ 200.00	\$ 125.00
Additional Minute	\$ 0.01	\$ 0.01	n/a	
Options:				
Additional Calling	\$ 3.00	\$ 3.00	\$ 3.00	\$ 10.00
Flexible Calling	\$ 3.00	\$ 3.00	\$ 3.00	\$ 10.00
Electronic Key Pack	\$ 4.00	\$ 4.00	\$ 4.00	\$ 10.00

Notes

- <sup>1</sup> Additional Minute Rate applies to each minute or fraction thereof which exceeds the monthly allowance.  
<sup>2</sup> Optional features: Nonrecurring charges waived if installed with BRI Service

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LOCAL EXCHANGE SERVICE (cont'd)ISDN PRI

(INTEGRATED SERVICES DIGITAL NETWORK - PRIMARY RATE INTERFACE)

General Description

Primary Integrated Services Digital Network (ISDN PRI) is an exchange service based on the Primary Rate Interface (PRI) arrangement of the Integrated Services Digital Network (ISDN). ISDN PRI allows for the integration of voice and non-voice (data) transmission on a single telephone access line over the Telephone Company Exchange Network. ISDN PRI is an alternative for Local Exchange Services, such as Direct Inward Dialing (DID) and Business Local Exchange Service. It may also be used to carry switched data applications.

Explanation of Terms

**B-channel** - a 64 kilobits (kbps) transmission facility in both directions that is circuit switched and can support voice, data and/or video communications.

**Circuit Switching** - establishes a connection between two terminals where network resources are dedicated throughout the duration of the call.

**D-channel** - a 64 kilobits (kbps) transmission facility that provides signaling for each of the 23 B-channels. The D-channel carries all of the characteristics of the call.

**Integrated Service Digital Network (ISDN)** - consists of a digital service line that provides digital termination capabilities to the customer's premise and allows for the simultaneous transmission of voice, data and video traffic.

**Network Interface** - a metallic four-wire telephone loop interface between the ISDN capable switch and the network termination (NT) equipment. The NT equipment is customer premises equipment (CPE) physically compatible with standard user-network facilities. It is the customer's responsibility to make his/her CPE compatible with the network interface.

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LOCAL EXCHANGE SERVICE (cont'd)

ISDN PRI (cont'd)

Explanation of Terms (cont'd)

**PRI Local Loop Facility** - provides the high capacity access path with a transmission speed of 1.544 megabits (mbps) between the customer's premises and the Telephone Company's serving Central Office. One PRI Local Loop Facility is needed for each ISDN PRI arrangement.

**Primary Rate Interface (PRI)** - is a switched service that provides a digital trunk with 23 B-channels and 1 D-channel or 24 B-channels at a bandwidth rate of 1.544 megabits (mbps) which provide circuit switched voice, data, or video services.

**Simulated Facility Group** - provides the capability to restrict the number of simultaneous calls that have the same specified attributes.

**Software Defined Lines** - are provisioned lines on a PRI Local Loop Facility. Central Office translations are used to establish the identity of the lines.

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LOCAL EXCHANGE SERVICE (cont'd)

## ISDN PRI (cont'd)

Central Office Arrangements

This service is available only from central offices that have the necessary facilities to provide ISDN on the standard network platform. In the event that a customer is served from a central office that is not equipped with these services, the Telephone Company may, at its discretion, provide ISDN from an alternate serving central office at no additional charge to the customer. The customer must accept the serving location assigned by the Company, and must agree to revert to service from the normal serving central office at such time as ISDN service is available in that office.

This arrangement may require that the customer accept a directory number change to a number associated with the alternate central office.

Calls that are originated by a customer using this method will be billed as if the calls were placed from the serving central office. Calls that are terminated to a customer using this method will be billed as if the calls were placed to the customer's normal serving central office.

When ISDN subsequently becomes available from the customer's normal serving central office, the customer will be reconnected to the normal serving central office. This may also require a directory number change. If and when such changes occur, the non-recurring charge associated with the change will not be applicable. If the customer does not wish to take service from the normal central office after such service becomes available, but continues to utilize service from the alternate serving central office, charges for foreign exchange service will apply. If foreign exchange service is used, the rates for foreign exchanges will be applied in addition to the ISDN rates.

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LOCAL EXCHANGE SERVICE (cont'd)

## ISDN PRI (cont'd)

Regulations

1. Customers must provide the ISDN compatible terminal equipment necessary for ISDN PRI. Customer provided equipment (CPE) used to connect ISDN PRI Service must meet the Telephone Company's requirements.
2. ISDN PRI may provide:
  - a) The following service groups on the B-channels:
    - Business Exchange Dial tone Line
    - Direct Inward Dialing (DID) Service
    - WATS Service
    - 800 Service
    - Call-by-Call Flexchannel

Only one Call-by-Call Flexchannel may be provisioned on an ISDN PRI arrangement. When available, up to two of the other service groups may be provisioned. The total number of service groups allowed per ISDN PRI arrangement is four. The ability to assign services other than Call-by-Call Flexchannel varies by the Central Office switch type.

- b) Over any B-channel at a capacity of up to 64 kilobits (kbps), the transmission of circuit switched voice, data or video services.
- c) The initial PRI arrangement consists of 23 B Channels and 1 D Channel; the second PRI arrangement consists of 23 B Channels with a D Channel Back-up; any additional arrangements may be configured with 24 B Channels.
- d) Flexibility to either dedicate the B-channels for specific services such as DID, or to dynamically assign the B-channels to allow for access to multiple services on a per call basis.
- e) Delivery of the calling party's telephone number.

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LOCAL EXCHANGE SERVICE (cont'd)

## ISDN PRI (cont'd)

Regulations (cont'd)

3. ISDN PRI does not prevent customers from originating or terminating circuit-switched voice calls from either inside or outside the serving Central Office or the customer's local calling area. If facilities are available, customers may be able to originate and terminate circuit-switched data calls from outside the serving Central Office.
4. Toll charges will apply for circuit-switched voice, data, or video calls that are placed outside of the customer's local calling area.
5. When multiple ISDN PRI applications are provisioned, at least one PRI ISDN arrangement must be configured as 23 B-channels and Back-up D-channel. If 47 or more B-channels are configured to 1 D-channel, a 23 B-channel + 1 Back-up D channel arrangement is required.
6. If more than one type of service group is provisioned over the same ISDN PRI service, a Call-by-Call Flexchannel may be required.
7. Business dial tone is included in the rates of ISDN PRI.
8. If a customer converts an existing DS-1 facility to a PRI Local Loop Facility, installation charges for the PRI Local Loop Facility are waived.
9. Hunting service is included in the rates for ISDN PRI.
10. Applicable PA Relay and 911 charges apply.
11. DID provisioning, when ordered as a part of PRI. Rates apply as outlined in this section.

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LOCAL EXCHANGE SERVICE (cont'd)

## ISDN PRI (cont'd)

Directory Numbers

Each ISDN PRI is assigned with one directory telephone number. Additional DID directory telephone numbers may be purchased in blocks of 20 numbers or purchased on an individual case basis.

Directory telephone numbers ordered in blocks of 20 and individual additional telephone numbers may not be delivered on the same Simulated Facility Group or dedicated trunk group. The number of individual additional directory telephone numbers may not be greater than the size of the Simulated Facility Group or trunk group.

Optional Features

**Back-up D Channel** – would immediately take over for a failed D-channel in case of trouble. This option is available only as part of the 23 B-channel + 1 D Back-up channel arrangement.

**Call-by-Call Flexchannel** - allows the ISDN PRI B-channels to be configured to accept multiple types of services on a per-call basis. Instead of requiring separate facilities for DID, WATS or Business Local Exchange dial tone lines, the Call-by-Call Flexchannel alerts the serving Central Office as to the type of service that is being used.

**Caller ID Delivery** - when available, allows for the delivery of the calling party's directory number. This service does not allow for the delivery of the calling party's name. Any per-call and/or per-line blocking is done by the ISDN PRI customer premise equipment (CPE) and is the responsibility of the customer.

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LOCAL EXCHANGE SERVICE (cont'd)

ISDN PRI (cont'd)

Contractual Conditions

1. **Length of Term** - Customers may select a contract period of one, three or five years. The contract term for all ISDN PRI services must be for the same length of time.
2. **Termination Liability Charge** - If ISDN PRI Service is canceled prior to the expiration of the current contract, either (i) by the Telephone Company for a customer's breach of contract or (ii) by the customer, the customer is liable for a termination fee equal to the remaining unexpired term.
3. **Additions to Service** - Throughout the term of the contract, a customer may add additional ISDN PRI services at the same recurring rates as were offered in the original contract. The contract length for additional services will end concurrently with the length of the original contract.
4. **Changes in Contract Rates** - If current recurring contract rates are lowered, the customer will have the option of canceling their current contract without penalty on the condition that the customer signs a new contract that is of equal or greater monetary value as the original contract. The customer will then comply with all terms, conditions and prices of the new contract.
5. **Renewal Options** - Before the expiration of the current contract period, a customer may extend the length of the contract for another period without penalty of termination liability charges. The customer will be charged at the current rates in effect for the new contract period. The length of the new contract will be for a period equal to or greater than the current contract. The number of ISDN PRI arrangements must also be equal to or greater than the number of arrangements originally contracted for. The new contract will go into effect on the date that the customer signs the contract.



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LOCAL EXCHANGE SERVICE (cont'd)

ISDN PRI (cont'd)

Contractual Conditions (cont'd)

6. **Relocation** - Prior to the expiration of the current contact period, if a customer chooses to relocate their ISDN PRI service to a different location that is not served by the same Central Office, the service is deemed to be disconnected and the customer will be charged the Termination Liability Charge. However, if prior to the expiration of the current contract period, the customer chooses to relocate their ISDN PRI to a location served by another Central Office equipped to provide ISDN PRI within the Telephone Company's service territory, and will sign a term contract which is equal to or greater than the monetary value of their current contract, the service may be relocated without the customer incurring the Termination Liability Charge. The customer will be charged for installation of the relocated service.

LOCAL EXCHANGE SERVICE (cont'd)

ISDN PRI (cont'd)

Rates

	<u>Term:</u>	<u>One Year</u>	<u>MONTHLY</u> <u>Three Year</u>	<u>Five Year</u>	<b>NONRECURRING</b>
<b>PRI LOCAL LOOP FACILITY</b>		\$297	\$275	\$232	\$660
<b>PRI ARRANGEMENT</b>					
Initial: 23 B Channels + 1 D Channel		\$218 (I)	\$203 (I)	\$180 (I)	\$240
Second: 23 B Channels + D Back-up		\$225	\$210	\$195	\$240
Additional : 24 B Channels		\$200	\$185	\$165	\$240
<b>OPTIONAL FEATURES</b>					
Call-by-Call Flexchannel		\$70	\$65	\$60	\$50
Caller ID		\$70	\$65	\$60	\$50
Call-by-Call and Caller ID Package		\$120	\$115	\$110	\$50
DID Capability per B Channel		\$9	\$8	\$7	\$50
DID Capability all B Channels		\$135	\$130	\$125	\$50
Block of 20 DID Numbers		\$5	\$5	\$5	\$25
Each Additional Phone Number		\$3	\$3	\$3	\$20
Add or change to an existing line group or add a new line group		---	---	---	\$50
Reconfigure D-channel		---	---	---	\$250

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LOCAL EXCHANGE SERVICE (cont'd)Channelized T-1 ServiceGeneral Description

Channelized T-1 service provides for channelized access from the customer's premise to the central office via a DS1 (1.544 Mbps) connection. This connection provides the equivalent of 24 access lines between the customer's premises and a central office. Channelized T-1 service is an alternative for Local Exchange Services, such as Direct Inward Dialing (DID) and Business Local Exchange Service. It may also be used to carry switched data applications. Channelized T-1 service is provided in a base capacity of 24 channels.

Explanation of Terms

**Channelized T-1 Local Channel** - A 1.544 Mbps digital multichannel transmission path between the serving central office and the customer's premises providing a maximum capacity of 24 DS0s. Each arrangement provides two-way transmission for a capacity of up to 24 line terminations.

**Channelized T-1 Multiplexing** - channelizes a DS1 to 24 DS0s.

**Circuit Switching** - establishes a connection between two terminals where network resources are dedicated throughout the duration of the call.

LOCAL EXCHANGE SERVICE (cont'd)

Channelized T-1 (cont'd)

Regulations

1. Customers must provide the Channelized T-1 compatible equipment necessary for the service. Customer provided equipment (CPE) used to connect Channelized T-1 service must meet the Telephone Company's requirements.
2. Channelized T-1 may provide:
  - a) The following service groups:
    - Business Local Exchange Service
    - Direct Inward Dialing (DID) Service
    - WATS Service
    - 800 Service
  - b) Over any circuit at a capacity of up to 64 kilobits (kbps), the transmission of circuit switched voice, data or video services.
3. Channelized T-1 does not prevent customers from originating or terminating circuit-switched voice calls from either inside or outside the serving Central Office or the customer's local calling area. If facilities are available, customers are able to originate and terminate circuit-switched data calls from outside the serving Central Office.
4. Toll charges apply for circuit-switched voice, data or video calls placed outside the customer's local calling area.
5. Business dial tone is included in the rates of Channelized T-1.
6. Applicable PA Relay and 911 charges apply per channel.
7. DID services may be ordered as a part of Channelized T-1 service. Rates apply as outlined in this section.

Directory Numbers

Each Channelized T-1 is assigned with one directory number. Additional DID directory telephone numbers may be purchased in blocks of 20 numbers or individual directory numbers may be purchased on an individual case basis (DID excluded).

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LOCAL EXCHANGE SERVICE (cont'd)

Channelized T-1 (cont'd)

Contractual Conditions

**Length of Term** – Customers may select a contract period of one, three or five years. The contract term for all Channelized T-1 services must be for the same length of time.

**Termination Liability Charge** - If Channelized T-1 Service is cancelled prior to the expiration of the current contract, either (i) by the Telephone Company for a customer's breach of contract or (ii) by the customer, the customer is liable for a termination fee equal to the remaining unexpired term.

**Addition of Services** – Throughout the term of the contract, a customer may add additional Channelized T-1 services at the same recurring rates as were offered in the original contract. The contract length for additional services will end concurrently with the length of the original contract.

**Changes in Contract Rates** - If current recurring contract rates are lowered, the customer will have the option of canceling their current contract without penalty on the condition that the customer signs a new contract that is of equal or greater monetary value as the original contract. The customer will then comply with all terms, conditions and prices of the new contract.

**Renewal Options** - Before the expiration of the current contract period, a customer may extend the length of the contract for another period without penalty of termination liability charges. The customer will be charged at the current rates in effect for the new contract period. The length of the new contract will be for a period equal to or greater than the current contract. The number of Channelized T-1 arrangements must also be equal to or greater than the number of arrangements originally contracted for. The new contract will go into effect on the date that the customer signs the contract.

**Relocation** - Prior to the expiration of the current contract period, if a customer chooses to relocate their Channelized T-1 service to a different location that is not served by the same Central Office, the service is deemed to be disconnected and the customer will be charged the Termination Liability Charge. However, if prior to the expiration of the current contract period, the customer chooses to relocate their Channelized T-1 service to a location served by another Central Office equipped to provide Channelized T-1 within the Telephone Company's service territory, and will sign a term contract which is equal to or greater than the monetary value of their current contract, the service may be relocated without the customer incurring the Termination Liability Charge. The customer will be charged for installation of the relocated service.

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LOCAL EXCHANGE SERVICE (cont'd)

Channelized T-1 (cont'd)

Rates

	<u>Term:</u>	<u>One Year</u>	<b>MONTHLY</b> <u>Three Year</u>	<u>Five Year</u>	<b>NONRECURRING</b>
<b>Channelized T-1 Local Channel</b>		\$297	\$275	\$232	\$660
Multiplexing		\$200	\$200	\$200	---
<b>OPTIONAL FEATURES</b>					
Block of 20 DID Numbers		\$5	\$5	\$5	\$25
Each Additional Phone Number		\$3	\$3	\$3	\$20

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LINE CONNECTION, PREMISES WORK AND MISCELLANEOUS CHARGES

A. SERVICE ORDER CHARGE AND CENTRAL OFFICE LINE CONNECTION CHARGE

(C)

A1. Service Order Charge

Service charges apply to the ordering and furnishing of services requested by the customer. Any one, or combination of these charges may apply, depending upon the work function performed, to execute a customer's particular request for service.

A Service Order Charge applies per customer order, for all work on services ordered to be provided at one time, on the same premises for the same customer, as follows:

- (1) An Initial Service Order Charge applies for connection of and/or relocation of primary exchange service.
- (2) A Subsequent Service Order Charge (also called Services Change Charge) applies each time a change to a current customer's service is made at the request of the customer.

A2. Central Office Line Connection Charge

A Central Office Line Connection Charge is the charge which applies for the work performed to arrange including necessary cross connections and line and station transfers an exchange line to provide service between the central office and the customer's premises.

- (1) It includes, but is not limited to, making and changing connections in a central office and making and changing connections in distribution facilities between the central office and the customer's premises, including necessary cross connections and line and station transfers.
- (2) One Central Office Line Connection Charge applies per line.

A Central Office Line Charge applies per each exchange line or mileage circuit. The Line charge covers the plant work involved in installing, changing or moving each exchange line or mileage circuit.

(C)

(C) indicates Change

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LINE CONNECTION, PREMISES WORK AND MISCELLANEOUS CHARGES (cont.)

A. SERVICE ORDER CHARGE AND CENTRAL OFFICE LINE CONNECTION CHARGES (cont.)

2. Charges

a.

	<u>Residence Service</u>		<u>Business Pay Telephone Service</u>
Initial SOC	\$10.00		\$25.00
Subsequent SOC	7.00	(I)	15.00
CO Line Connection	30.00		30.00

(I) indicates Increase



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LINE CONNECTION, PREMISES WORK AND MISC. CHARGES (Cont.)

B. PREMISES WORK CHARGES

1. Description

- a. Premises work is defined as work performed on a customer's premises by a Telephone Company employee or representative at the customer's request and not covered by other Tariff charges. Only work performed on the Telephone Company side of the rate demarcation point is covered by this Tariff.
- b. Rate demarcation point is defined as the point of minimum penetration of the property where the customer's service is located, as determined by the Telephone Company. The rate demarcation point defined by the Telephone Company is where network access recurring charges and Telephone Company responsibility stop and beyond which customer responsibility begins.

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LINE CONNECTION, PREMISES WORK AND MISCELLANEOUS CHARGES (cont.)B. PREMISES WORK CHARGES (cont.)1. Description (cont.)

## c. Premises Work Charges apply to:

- (1) Customer requests for rearrangements and changes of Telephone Company facilities (including drop wire, protector and ground wire) on the Telephone Company's side of the rate demarcation point.
- (2) Each premises visit where a service difficulty or trouble is not the result of failure of Telephone Company service or facilities.
- (3) Installation, moves and changes of a Pay Telephone or any associated wiring.

## d. Premises Work Charges consist of the Initial Visit Charge, Work Charges and Material Charges.

The Initial Visit Charge includes the cost to send a Telephone Company representative to the customer's premises.

Work Charges are based on the labor time required to complete the work on the Telephone Company's side of the rate demarcation point. The charges are billed in fifteen minute time segments. The time a Telephone Company representative spends working on a customer's premises, exclusive of the work required to provide dial tone to the rate demarcation point, shall be considered billable time. The Work Charge will begin as soon as the Telephone Company representative meets the customer or his representative on the premises.

Material Charges are based on the items of material actually used to complete the job and on the level of charges of the current Telephone Company price list.

2. Regulations

- a. Premises Work Charges apply in addition to appropriate charges for individual items of equipment or service offered in other sections of this Tariff.
- b. Customers who have premises work performed will be billed at least one Work Charge in addition to the Initial Visit Charge unless otherwise specified in this Tariff.

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LINE CONNECTION, PREMISES WORK AND MISCELLANEOUS CHARGES (cont.)B. PREMISES WORK CHARGE (cont.)2. Regulations (cont.)

- c. The Initial Visit Charge will apply for each premises visit that is customer initiated, including those instances in which the customer subsequently decides to not have the work done by the Telephone Company.
- d. When visits to more than one premises of the customer are required to complete the work associated with a service order, an Initial Visit Charge and other appropriate Premises Work Charges per premises visited are applicable.
- e. When more than one visit to the same premises is required to complete the work associated with a service order, only one Initial Visit Charge is applicable.
- f. The Initial Visit Charge applies when a customer or his representative fails to keep a scheduled appointment with a Telephone Company representative, installer or repair person.
- g. Premises Work Charges, at Business rates, apply to installation, moves and changes of a Pay Telephone or any associated wiring.
- h. An invoice for a specific job will be provided to the customer by the Telephone Company employee at the conclusion of the premises work. The customer will be billed the Premises Work Charges according to the time indicated on the invoice. An invoice is not the same as an estimate which may be provided by Telephone Company personnel at the time of negotiation. Customers to whom estimates are furnished are subject to actual Premises Work Charges.
- i. Premises work requested by the customer and performed under Premises Work Charges that requires a call-out of the installer or repair person at a time other than the employee's normal scheduled tour of duty will be charged a minimum of two hours based on the charges shown in this section.
- j. The Initial Visit Charge does not apply when a Line Connection Charge is incurred.

LINE CONNECTION, PREMISES WORK AND MISCELLANEOUS CHARGES (cont.)

B. PREMISES WORK CHARGES (cont.)

2. Regulations (cont.)

k. Customers have the option of paying for Premises Work Charges in equal monthly installments over three billing periods.

l. Premises Work Charges do not apply to the following:

(1) Moves or changes of a customer's telephone service or equipment if required or initiated by the Telephone Company.

(2) Repair of network facilities on the property where the customer's service is located that was not caused by the customer, the vendor or the property-owner.

3. Charges

Premises Work Charges are as follows:

	<u>RESIDENCE</u>	<u>BUSINESS</u>
<u>Initial Visit Charge</u>	\$23.00	\$34.00
<u>Work Charge</u> - each 15 minute segment or major fraction thereof of billable time required to complete the work.	\$8.00	\$10.00

Material Charge - Based on current Telephone Company price list. The materials will generally be priced at 35% above the current Telephone Company purchase price.

C. MISCELLANEOUS NON-RECURRING CHARGES

1. Non-recurring charges apply to the following:

a. Restoral of Service Charge - This charge applies for restoring service to a customer following temporary suspension of service for non-payment or other authorized cause. This charge is in addition to any past due amounts for service previously furnished or any deposit which may be required.

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LINE CONNECTION, PREMISES WORK AND MISCELLANEOUS CHARGES (cont.)C. MISCELLANEOUS NON-RECURRING CHARGES (cont.)

1. Non-recurring charges apply to the following: (cont.)
  - b. Telephone Number Change Charge - Customers requesting a change of their Dial Tone Line telephone number will incur a Telephone Number Change Charge (except when a Line Connection Charge is applied). This charge applies for each telephone line number changed.
  - c. Record Service Charge - This charge covers work associated with a change of Telephone Company records, at the customer's request, for:
    - a transfer of billing name, which occurs when one party contracts for the service which had previously been contracted for by another party.
    - a transfer of service, which occurs when a company submits a local service request change to have service changed per an approved agreement, where the agreement allows for billing a non-recurring service order charge but does not specify a rate.
    - a change in or addition to the present directory listing.
    - a subscriber's telephone number being excluded from the directory and directory assistance records, or a change from a "non-published" basis to a regular listed basis.
    - a change in billing records requested by the customer (except for a correction in name or billing address for residential service due to death, marriage, divorce, or legal action when there is no connection, disconnection, move or change in service) when none of the other non-recurring charges apply.
  - d. Preferred Telephone Number Service - Allows a customer to request a particular telephone number which may have a special meaning of value to the customer, subject to the availability of facilities and the requirements of the serving local exchange Central Office as defined by the Telephone Company.

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LINE CONNECTION, PREMISES WORK AND MISCELLANEOUS CHARGES (cont.)C. MISCELLANEOUS NON-RECURRING CHARGES (cont.)1. Non-recurring charges apply to the following: (cont.)d. Preferred Telephone Number service (cont.)

- Service may be established at the time normal service is requested and the line connection charge applies in addition to charges for Preferred Telephone Number Service. Charges for a change in a telephone number or Foreign Exchange service also apply if a customer elects such service.
- Up to three numbers, in order of preference, may be requested at one time. A nonrecurring charge will apply for each search, up to three numbers, requested by the customer, whether Preferred Telephone Number Service is accepted or not.
- Provisioning of a preferred telephone number is based upon current availability of that telephone number. The Telephone Company reserves the right to exclude certain numbers or blocks of numbers from assignment, and will determine the availability criteria. No customer waiting list will be maintained.
- Preferred telephone numbers shall be listed as a number only in Telephone Company directories.
- The Telephone Company will not be responsible for the manner in which Preferred Telephone Number Service is used by the customer.

2. Regulations

- a. Customers have the option of paying for miscellaneous non-recurring charges in equal monthly installments over three billing periods.

3. Charges

		<u>Residence</u>	<u>Business</u>
a.	Restoral of Service Charge	\$25.00	\$25.00
b.	Telephone Number Change Charge	25.00	25.00
c.	Record Service Charge	15.00	15.00
d.	Preferred Telephone Number Service	30.00	30.00

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RESERVED FOR FUTURE USE

(C)

(C) Indicates Change

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RESERVED FOR FUTURE USE

(C)

(C) Indicates Change



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MILEAGE CHARGESFOREIGN EXCHANGE SERVICE

Foreign exchange service is not offered as a normal or customary form of telephone service. However when facilities are available, and service conditions will permit, the Company may furnish this service subject and the following regulations and rates.

Inter-Company Foreign Exchange Service

When foreign exchange service is requested by an end user of this Company to an exchange of another company, this service will be provided only where the end user agrees to maintain local service of this company and to limit the use of the foreign exchange service to calls within the local service area of that foreign exchange. The following monthly charges apply:

- A. Within the territory of this company, a mileage charge of \$.55 per 1/10 mile, for each circuit measured airline from the rate center of normal exchange to the boundary line of the adjoining company.
- B. Outside the territory of this company, such mileage charges and access line charges as are provided by tariffs of other participating companies.
- C. A supplemental charge of \$2.00 for each \$.01 multiple of the dialed day station-to-station initial period message toll rate between the normal exchange and the foreign exchange. Such charge does not apply if the local and foreign exchanges are in the same local service areas.
- D. Channel terminals are provided at the rate of \$7.00 per month.
- E. IntraLata Foreign Exchange Loop Charge –  
For IntraLATA Foreign Exchange Service in a specific exchange, there will be a charge for the local loop that is equal to 85% of the business one-party rate of that exchange for business end users, and 85% of the residence one-party rate of that exchange for residence end users.

MILEAGE CHARGES (cont'd)FOREIGN EXCHANGE SERVICE (cont'd)

When foreign exchange service is requested by an end user of another company from an exchange of this Company, the one-party or trunk rate of this Company's foreign exchange plus the charges listed in "A", "C" and "E" above will apply. When foreign exchange service is requested by another company on behalf of an end user who requests service from an exchange of this company, the Leased Lines rate will apply to the other company.

Intra-Company Foreign Exchange Service

When foreign exchange service is provided between exchanges of this Company, the one-party or trunk rate of the foreign exchange plus the rates in Paragraphs "A, C and E" above apply, except that the measurement under "A" is the airline distance between the rate center of the normal exchange (closed end) and the rate center of the foreign exchange (open end).

LEASED LINES

When available, the Telephone Company's wire facilities will be leased for private and special use to either the general public or other carriers under the following terms and conditions:

	<u>MONTHLY CHARGE</u>
For each 1/4 mile or fraction thereof	\$3.25

The minimum monthly charge for any leased line or circuit is equivalent to the applied rate for 1/2 mile.

Charges for leased lines are computed on air line measurement between the respective terminals; terminals meaning the first and last points of contact with the Telephone Company's facilities, except that where terminals are in different exchange areas, charges will be based on the airline measurements between the serving offices plus the airline distances between the serving offices and terminals.

If a portion of a channel is provided by another Company, any established charges applied by that company are in addition to the charges of this company and any established regulations of that company apply to the use of the channel between points in its operating territory and points outside of that territory.

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PRIVATE LINE SERVICE

1. General
  - A. Channels are furnished for intraexchange or interexchange service on a two-point or multi-point basis for a minimum period of one month.
  - B. With reference to the channel descriptions given below:
    1. "Effective two-wire facilities" may be composed of two-wire metallic and/or four-wire metallic and/or carrier segments; "four-wire facilities" are composed entirely of four-wire metallic and/or carrier segments.
    2. The 1000 Hz loss objective range specified refers to the total channel offering (end-to-end) and indicates that the engineered objective loss will fall within that range at the discretion of the Telephone Company depending upon available facilities and the applicability of appropriate engineering designs. These specifications do not include gains or losses present in customer-provide equipment.
    3. The Telephone Company reserves the right to revise these objectives and other technical parameters as described herein.
  - C. The Telephone Company will bill the subscriber for the portion of the Private Line Service that is provided by the Telephone Company. The applicable non-recurring service charges can be found in Section 5 of this tariff.
  - D. Third-Party Lease facilities, required to provide the Private Line Service, will be charged to the subscriber on a cost basis.
  - E. Channels are classified by series, and further classified within each series by types.
  - F. The customer is responsible for selecting the appropriate type of channel accordance with the types and descriptions provided in this Section of the Tariff.
  - G. The Telephone Company has responsibility for the channel facility up to demarcation point on the customer premises at which the interface appears.

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PRIVATE LINE SERVICE (cont'd)

## 1. General (cont'd)

## H. Service Configurations descriptions are as follows:

1. On Premise Channels - When channels are furnished on the same or connected premises, each channel connecting any two points is treated as a separate on-premises channel, except as otherwise specified for multiple appearances of channels on the same premises. When channels are furnished on the same or connected premises, any necessary supporting structure (poles, conduit, etc.) specified by the Telephone Company must be furnished and maintained by, or at the expense of, the customer. If provision of service on the same or connected premises cannot be furnished using customer-provided supporting structures, or if it requires a connection to the Telephone Company serving central office, rates and charges for service provided to different premises apply.
2. Adjacent Premises - When a channel is furnished between properties on both sides of a street, alley or public thoroughfare, owned or leased by the same customer, which would be continuous in the absence of the public thoroughfare, an adjacent premises channel is required to connect the two premises. Channel connections between the premises must be direct, i.e., accomplished by the attachment of Telephone Company facilities to the customer's buildings, other customer provided structures, or by existing utility company poles. Channels furnished through Telephone Company-provided conduit or by use of supporting structures specifically for this purpose are excluded from "adjacent premises" rate treatment, in which case rates for Intraexchange and Interexchange channels will apply.
3. Intraexchange Channel - When a channel is furnished within the same exchange area, one local channel and one transmission function are required to connect the serving central office and each premise at which the channel terminates.
4. Interexchange Channel - When a channel is furnished between customer locations in different exchange areas, interexchange channels are required to connect the wire centers. Within each exchange area, one local channel and one transmission function are required to connect the interexchange channel and each premise at which the channel terminates.

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PRIVATE LINE SERVICE (cont'd)

1. General (cont'd)
  - I. Special Configurations are as follows:
    1. Multi-point Service - When multi-point voice grade service is furnished, bridging equipment or arrangements are required. Additional rates and charges for such equipment or arrangements are specified with reference to the applicable types of service.
  - J. Rates for interexchange channels are based on the airline mileage between the wire centers where service is terminated, determined in accordance with the National Exchange Carrier Association Tariff F.C.C. No. 4.
    1. Interexchange Channel other company - When one of the exchanges is operated by another telephone company which applies its established mileage charges for the portion of the service furnished by it, the mileage to which this Company's rates apply is the airline distance between the appropriate wire center operated by this Company and the point where the airline distance between wire centers crosses the other company's territorial boundary, or such other measuring point on the boundary or in the other company's territory to which the other company's mileage is measured as provided in the other company's tariff.
    2. Interexchange Channel Multi-point Service - Each interexchange channel connecting the wire centers is considered a separate channel for which airline mileage is independently computed.
  - K. The following limitations apply to metallic facilities used for Private Line Service:

With future growth, maintenance, or modernization programs, the Telephone Company may not be able to provide metallic facilities to all customer locations. The Company has no liability or responsibility for any inconvenience or expense that this may cause the customer. However, the Telephone Company will give advance notice (three months minimum), in writing to affected customers, of any firm plans to replace metallic facilities with non-metallic facilities.

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PRIVATE LINE SERVICE (cont'd)

2. Series 1000 Channels

- A. Type 1005 - used for low speed data transmission not to exceed 75 baud. Such services being furnished to existing customers at the same premises. Maintenance of these services is limited to the availability of replacement components furnished from existing stock.
- B. Type 1006 - used for low speed data transmission not to exceed 150 baud. Such services furnished to existing customers at the same premises. Maintenance of these services is limited to the availability of replacement components furnished from existing stock.

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PRIVATE LINE SERVICE (cont'd)

2. Series 1000 Channels (cont'd)
- C. Type 1011 (30 baud) - available on an intraexchange basis only for two-or three-point DC transmission and only where existing facilities and operating conditions permit. In offering to provide this service, the Telephone Company assumes no obligation to specially select, alter, rearrange or construct facilities and does not represent that a facility provided under this subsection is suitable for the intended customer application. Further, in providing this service where existing facilities permit, the Telephone Company assumes no obligation to continue such provision where rearrangements or changing service requirements necessitate the elimination of such facilities or render such facilities unsuitable for the customer application.
- D. Type 1012 (30 baud) - provided both for intraexchange and interexchange applications. On an intraexchange basis, Type 1012 is provided with a minimum of 3 points (master station and 2 remote premises) and up to a maximum of 26 points (master station and 25 remote premises). On an interexchange basis, Type 1012 is provided with a minimum of 2 points (master station and a remote premises) and a maximum of 26 points (master station and 25 remote premises). Type 1012 service is restricted to a maximum of 3 central office serving areas located in the same or different exchanges (one of the master station and two others to provide service to other remote premises). Type 1012 service may be provided either by metallic channels or by other equivalent means at the Telephone Company's option. If provided by a low speed signaling system, the transmission specifications as accepted industry standards for low speed signaling channels apply. The Telephone Company will notify the customer if other than metallic facilities are utilized to provide Type 1012 channels prior to installation.
- E. Rate Schedules-Series 1000
1. Channels on the same or connected premises—
- |                        |         |
|------------------------|---------|
| Each Two-Wire Channel  | \$ 2.30 |
| Each Four-Wire Channel | 4.60    |
2. Channels between adjacent premises—
- |                        |         |
|------------------------|---------|
| Each Two-Wire Channel  | \$ 9.78 |
| Each Four-Wire Channel | 19.55   |

PRIVATE LINE SERVICE (cont'd)

2. Series 1000 Channels (cont'd)

E. Rate Schedules-Series 1000 (cont'd)

3. Intraexchange and Interexchange Channels

a. Local channel - one required for each premise at which a channel terminates

Each Two-Wire Channel	\$24.15
Each Four-Wire Channel	48.30

b. Mileage -

Intraexchange and Interexchange Channels per mile between wire centers for Series 1000 channels.

	<u>Monthly Rate</u>	
	<u>Fixed Rate</u>	<u>Rate Per Mile</u>
0 to 1 Mile	\$12.50	-
Over 1 to 3 Miles	11.00	\$4.00
Over 3 to 5 Miles	14.00	4.00
Over 5 to 15 Miles	16.00	4.00
Over 15 to 25 Miles	32.00	3.00
Over 25 Miles	44.00	2.50

4. Transmission Function

Intraexchange and Interexchange -

	<u>Monthly Rate</u>	
	<u>Intraexchange</u>	<u>Interexchange</u>
Type 1005 and Type 1006		
Data & Teletype	\$ 5.75	\$18.40
Miscellaneous Purpose	-	6.90
Type 1011	-	6.90
Type 1012	1.15	6.90

5. Other Features and Arrangements

	<u>Monthly Rate</u>
a. Multi-Point One-Way Type 1005 Channels (furnished to existing customers only)	\$3.45
Multi-Point Type 1005 Miscellaneous Purposes Channels, not specially connected, used for one-way non-selective,	



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PRIVATE LINE SERVICE (cont'd)

## 2. Series 1000 Channels (cont'd)

## E. Rate Schedules-Series 1000 (cont'd)

## 5. Other Features and Arrangements (cont'd)

simultaneous ringing of bells or buzzers are furnished for points within an exchange or contiguous exchange of this Company at the monthly rate listed above, excluding the signaling control point.

- b. Station Arrangement Charges for Type 1006 Channels - In addition to the charges for Type 1006 channels, the following station arrangement charges apply at each termination of a two-point channel.

	<u>Monthly Rate</u>
Two-Point Type 1006 channel between terminals in	
Same building	\$17.83
Same premises	17.83
Same Wire Center	17.83
Same Exchange-Different Wire Center	32.20
Different Exchanges	32.20

## 3. Series 2000 Channels

- A. Type 2001 - A two wire interface with effective two wire facilities engineered for a 1000 Hz loss objective of 0 to 10 db; or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 0 to 16 db; for two-point or multi-point service, normally suitable for use for private line telephone service.

## 1. Regulations applicable to Type 2001 channels

- a. Type 2001 channels are furnished for voice transmission of approximate band-width of 300-3000 Hz.
- b. For private line duplex intraexchange or interexchange service the monthly rates for two local channels and two transmission functions for each premises served, apply.
- c. When these channels are furnished for multi-point service, bridging charges apply at each premises at which the channel terminates.
- d. These channels are not suitable for switching and/or tandem operations to the public switched network or other private line services.

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PRIVATE LINE SERVICE (cont'd)

3. Series 2000 Channels (cont'd)
  - A. Type 2001 (cont'd)
    2. Automatic Signaling
      - a. Automatic signaling is only provided on a two-point basis between locations on different premises for use with type 2001 channels.
      - b. Automatic signaling is provided by means of central office automatic ringing equipment which operates when the receiver at one station is lifted and causes the bells of stations at the other end of the line to ring collectively without code signals.
  - B. Type 2002 - A two wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities designed for remote operation of mobile radio telephone systems; for a two-point or multi-point service.
    1. Regulations applicable to Type 2002 channels
      - a. When these channels are furnished for multi-point service, a bridging charge applies at each premises bridged on the same circuit.
      - b. The following channels are furnished between specified locations for remote operation and control of private land radiotelephone stations established for communications with mobile units.
        - (1) Voice Channels
          - (1.1) Channels are similar as to transmission characteristics, to those furnished for Type 2001 channels.
          - (1.2) Channels specially designed to provide transmissions in a frequency range broader than that furnished for Type 2001 channels.
        - (2) Control Channels  
These channels are similar as to transmission characteristics, to those furnished for Type 1005 channels and are provided at the same rates as Type 1005 channels.
        - (3) For Combined Voice Transmission and Control Purposes
          - (3.1) Channels furnished for combined voice transmission and control purposes may be used by the customer, in accordance with the normal transmission characteristics of such channels, for voice transmission purposes and to transmit more than one tone or signal in sequence or simultaneously or to create additional channels for remote control and indication purposes only.

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PRIVATE LINE SERVICE (cont'd)

3. Series 2000 Channels (cont'd)
  - B. Type 2002 (cont'd)
    1. Regulations applicable to Type 2002 channels (cont'd)
      - (3.2) On two-point services, voice channels may be used alternately for control at no additional charge, where the control function is derived through the use of standard one-way, two-state Direct Current signaling over the voice channel.
      - (3.3) On multi-point services, two-state, Direct Current signaling for control purposes is provided by means of a separate Type 1005 channel. Appropriate monthly and non-recurring charges apply separately for the Type 1005 and the Type 2002 channel.
      - (3.4) On two-point and multi-point services, voice channels may be used for the remote operation and control of private land radio telephone stations, at no additional charge when the control functions are provided via tone signals.
    - (4) Additional Equipment and Facilities

Repeaters, amplifiers, special loading, equalization or special types of plant, required in connection with channels provided under either (1) or (2) above, are furnished at charges based upon the costs incurred.
  2. Conditioning applicable to Type 2002 Channels
    - a. Type C1 - For a two-point or multi-point channel
      - the envelope delay distortion shall not exceed: between 1000 and 2400 Hertz, a maximum difference of 1000 micro-seconds
      - the loss deviation with frequency (from 1000 Hertz reference) shall not exceed:
        - between 1000 and 2400 Hertz, -1db to +3db
        - between 300 and 2700 Hertz, -2db to +6db
        - between 2700 and 3000 Hertz, -3db to +12db(+ means more loss)

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PRIVATE LINE SERVICE (cont'd)

3. Series 2000 Channels (cont'd)

C. Type 2002 (cont'd)

2. Conditioning applicable to Type 2002 Channels (cont'd)

- b. Type C2 - For a two-point or multi-point channel - the envelope delay distortion shall not exceed:
- between 1000 and 2600 Hertz, a maximum difference of 500 micro-seconds
  - between 600 and 2600 Hertz, a maximum difference of 1500 micro-seconds
  - between 500 and 2800 Hertz, a maximum difference of 3000 micro-seconds
- the loss deviation with frequency (from 1000 Hertz reference) shall not exceed:
- between 500 and 2800 Hertz, -1db to +3db
  - between 300 and 3000 Hertz, -2db to +6db
- (+ means more loss)

NOTE: On a multi-point channel arranged for switching, conditioning in accordance with the above specifications is applicable only when in the unswitched mode.

C. Off-Premises Channels

1. Type 2011 - A two-wire interface with facilities engineered for 1000 Hertz with a loss objective of 0 to 8db; normally suitable for off-premise extension use with Exchange Service.
- a. Regulations applicable to Type 2011 Channels
- (1) For intraexchange service, one local channel and one transmission function are required to connect the wire center to the premises where the extension is located.
  - (2) For extension service in a different exchange area from the main station, one interexchange channel is required to connect the wire centers. One local channel and one transmission function are required to connect the interexchange channel to the extension service.

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PRIVATE LINE SERVICE (cont'd)

3. Series 2000 Channels (cont'd)
- C. Off-Premises Channels (cont'd)
2. Type 2012 - A voice grade channel furnished for Centrex off-premises main and bridged station uses. A bridged station is an extension of a main station telephone number.
- a. Regulations applicable to Type 2012 Channels
- (1) For intraexchange service, the DE Centrex station line rate applies as provided in Section 17 of this Tariff, unless the circuit is configured as an adjacent premises channel, in which case the rate for an adjacent premises channel applies, as provided in this section.
- (2) For interexchange service, one interexchange channel is required to connect the wire centers. One local channel and one transmission function are required to connect the interexchange channel to the Centrex off-premise extension.
3. Type 2014 - A two-wire interface with effective two-wire facilities furnished for PBX (or similar) off-premise main and extension service.
- a. Regulations applicable to Type 2014 Channels
- (1) The number of stations that may be connected and the distance over which satisfactory transmission is possible may be limited by operating and transmission factors.
- (2) For intraexchange service, one local channel and one transmission function are required to connect each main station to the wire center; one local channel and one transmission function are required to connect each extension station to the wire center.

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PRIVATE LINE SERVICE (cont'd)

3. Series 2000 Channels (cont'd)
  - C. Off-Premises Channels (cont'd)
    3. Type 2014 (cont'd)
      - (3) For interexchange service, one interexchange channel is required to connect the wire centers. One local channel and one transmission function are required to connect each main station to the wire center; one local channel and one transmission function are required to connect each extension station to the wire center.
  - D. Tie Line Channels
    1. Type 2021 - A two-wire or four-wire interface with four-wire facilities furnished for tie-line use between PBX's.
    2. Type 2025 - A two-wire or four-wire interface with four-wire facilities furnished for tie-line use between a PBX and a C.O. Centrex.
    3. Type 2026 - Furnished for tie-line use between C.O. Centrexes.
    4. Regulations applicable to Types 2021, 2025 and 2026 Channels
      - a. Type 2025 tie line channels between C.O. Centrex switching systems and non-C.O. Centrex switching systems are subject to one transmission function charge and one local channel charge at the non-C.O. Centrex end.
      - b. For Type 2026 channels connecting switching systems located in different central office serving areas, one interoffice channel is required to connect the wire centers. In addition, a transmission function is required at each end of the interoffice channel to make the channel operative.

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PRIVATE LINE SERVICE (cont'd)

3. Series 2000 Channels (cont'd)
  - D. Tie Line Channels (cont'd)
    4. Regulations applicable to Types 2021, 2025 and 2026 Channels (cont'd)
      - c. For Type 2026 channels connecting switching systems located in different exchange areas, one interexchange channel is required to connect the wire centers. In addition, a transmission function is required at each end of the interexchange channel to make the channel operative.
      - d. A Signaling Arrangement is provided for tie lines connected to grandfathered PBXs in accordance with Part 68 of the F.C.C. Rules and Regulations under the following conditions:
        - (1) An E & M Signaling Arrangement is required for each tie line termination, operating in a Dial Repeating mode, at a customer premises with a Registered PBX.
        - (2) An E & M Signaling Arrangement is required for each tie line termination of a customer premises with customer-provided PBXs when the tie-line is arranged with an E & M signaling interface.
        - (3) An E & M Signaling Arrangement is not required with Type 2021 or Type 2025 channels for additions to or for new installations of customer provided PBX equipment when not arranged with an E & M signaling interface.
  - E. Telephone Answering Service Channels
    1. Type 2040 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 8 db; normally suitable for Telephone Answering Service use for secretarial lines connected directly to Telephone Answering Service Equipment.
      - a. Regulations applicable to Type 2040 Channels
        - (1) When the secretarial line is connected directly to Telephone Answering Service Equipment in the same exchange, one local channel and one transmission function are required to connect the serving wire center to the location of the Telephone Answering Service Equipment.

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PRIVATE LINE SERVICE (cont'd)

## 3. Series 2000 Channels (cont'd)

## E. Telephone Answering Service Channels (cont'd)

1. Type 2040 (cont'd)

- (2) When the secretarial service is furnished from an exchange other than the one in which the Telephone Answering Service is located, one interexchange channel is required to connect the wire centers. One local channel and one transmission function are required to connect the interexchange channel to the premises of the Telephone Answering Service.

2. Type 2041 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 4 db; normally suitable for Telephone Answering Service use for secretarial lines terminated in concentrator equipment.

## a. Regulations applicable to Type 2041 Channels

- (1) When a secretarial line is connected to a concentrator located in the same central office serving area as the patron's normal central office serving area, the connection is provided at a flat rate and requires no measurement.
- (2) When a secretarial line is connected to a concentrator located in a different central office serving area from the patron's normal central office serving area, one interoffice channel is required to connect the wire centers. A transmission function is required at each end of the interoffice channel to make the channel operative.
- (3) When a secretarial line is connected to a concentrator located in a different exchange from the patron's normal exchange, one interexchange channel is required to connect the wire centers. A transmission function is required at each end of the interexchange channel to make the channel operative.

3. Type 2043 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 4 db; normally suitable for Telephone Answering Service concentrator-identifier use between a concentrator unit located at either the Telephone Company or the Telephone Answering Service premises and an identifier unit located at the Telephone Answering Service premises.

## a. Regulations applicable to Type 2043 Channels

- (1) When the concentrator is located in a Telephone Company central office, one local channel and one transmission function, Type 2043, are required for each talking path connected to the identifier at the Telephone Answering Service premises. If the central office serving area where the concentrator is located is different from the Telephone Answering Service central office serving area, one interoffice channel for each talking path is also required to connect the wire centers.



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PRIVATE LINE SERVICE (cont'd)

## 3. Series 2000 Channels (cont'd)

## E. Telephone Answering Service Channels (cont'd)

3. Type 2043 (cont'd)

- (2) When the concentrator is located in a different exchange area from the identifier, an interexchange channel is required to connect the wire centers. One local channel and one transmission function are required to connect the interexchange channel to the Telephone Answering Service premises.
- (3) When the concentrator is located at a Telephone Answering Service premises, for each talking path one local channel and one transmission function, Type 2043, are required to connect the serving central office to the premises where the concentrator is located and one local channel and one transmission function, Type 2043, are required to connect the serving central office to the premises where the identifier is located. If the central office serving areas for the two premises are different, one interoffice channel for each talking path is required to connect the wire centers.
- (4) When a customer-provided concentrator is located on a premises in a different exchange from the customer-provided identifier, one interexchange channel is required to connect the wire centers. One local channel and one transmission function are required to connect the interexchange channel to the premises where the concentrator is located and one local channel and one transmission function are required to connect the interexchange channel to the premises where the identifier is located.

## F. Rate Schedules - Series 2000 Channels

## 1. Channels on the same or connected premises -

	<u>Monthly Rate</u>
Each Two-Wire Channel	\$ 2.30
Each Four-Wire Channel	4.60

Effective February 12, 1988, the rate treatment for Type 2011 and 2014 Channels on the same or connected premises as provided herein is applicable to new customers. However, such services being furnished at no charge to customers as of February 12, 1988, may be continued for the same customer at the same premises.

PRIVATE LINE SERVICE (cont'd)

## 3. Series 2000 Channels (cont'd)

## F. Rate Schedules - Series 2000 Channels (cont'd)

## 2. Channels between adjacent premises

	<u>Monthly Rate</u>
Each Two-Wire Channel	\$ 9.78
Each Four-Wire Channel	19.55

## 3. Intraexchange and Interexchange Channels

a. Local Channel - one required for each  
premise at which a channel terminates

	<u>Type 2011, 2012, 2014</u>	<u>All Other Types</u>
Each Two-Wire Channel	\$18.11	\$24.15
Each Four-Wire Channel	36.23	48.30

b. Intraexchange and Interexchange  
channels per mile between wire centers

	<u>Monthly Rate</u>	
	<u>Fixed Rate</u>	<u>Rate Per Mile</u>
0 to 1 Mile	\$12.50	-
Over 1 to 3 Miles	11.00	\$ 4.00
Over 3 to 5 Miles	14.00	4.00
Over 5 to 15 Miles	16.00	4.00
Over 15 to 25 Miles	32.00	3.00
Over 25 Miles	44.00	2.50

## 4. Transmission Function - one required per local channel -

	<u>Monthly Rate</u>	
	<u>Intraexchange</u>	<u>Interexchange</u>
Type 2001	4.60	\$13.23
Type 2002	4.60	12.08
Type 2011	1.44	14.66
Type 2012	4.31	6.61
Type 2014	9.20	13.23
Type 2021	12.65	24.15
Type 2025	34.50	39.10
Type 2026	-	18.40
Type 2040	1.38	40.83
Type 2041	-	7.76
Type 2043	14.38	21.85

5. Automatic signaling  
Private Line Signaling  
Automatic Ringing, each

-	4.55
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PRIVATE LINE SERVICE (cont'd)

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3. Series 2000 Channels (cont'd)
- F. Rate Schedules - Series 2000 Channels (cont'd)
6. E & M Signaling
- E & M Signaling arrangement, for Type 2021 and Type 2025 Channel, each \$19.55
7. Multi-Point Channels
- For bridging multi-point Type 2001 and Type 2002 Channels  
At each premise at which a channel terminates \$22.43
8. Conditioning
- a. Type C1
- (1) On a two-point channel not arranged for switching - each station \$ 6.90
- (2) On a multi-point channel not arranged for switching - for the first station in an exchange \$13.23  
- for each additional station in the same exchange as the first station \$ 9.20
- b. Type C2
- (1) On a two-point channel not arranged for switching - each station \$25.30
- (2) On a multi-point channel not arranged for switching - for the first station in an exchange \$36.80  
- for each additional station in the same exchange as the first station \$13.23
4. Series 3000 Channels
- A. Type 3001 - A two-wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 16dB; for two-point or multi-point service; normally suitable for half-duplex or full-duplex operation for remote metering, supervisory control and miscellaneous signaling.

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PRIVATE LINE SERVICE (cont'd)

4. Series 3000 Channels (cont'd)
  - A. Type 3001 (cont'd)
    1. Regulations applicable to Type 3001 channels
      - a. When these channels are furnished for multi-point service, a bridging charge applies for each premises bridged on the same circuit, in addition to all other applicable charges for the channels.
      - b. For duplex service on the same or connected premises or to adjacent premises, the monthly rates for two channels apply.
      - c. For duplex intraexchange and interexchange service the monthly rates for two local channels for each premises served, apply.
      - d. The equipment and associated station wiring shall be provided by the customer.
      - e. The use of customer-owned equipment is subject to the regulations set forth in this Tariff regarding connections with customer-owned equipment. However, the customer, by the use of his own equipment, may create additional channels or may transmit more than one tone or signal in sequence or simultaneously to the extent permitted by the normal transmission characteristics of the grade of channel furnished.
      - f. Customers, by use of their own equipment, and to the extent permitted by the normal transmission characteristics of the grade of channel ordered may create additional channels for any type of communication by sub-dividing a channel furnished under this Tariff. The Telephone Company makes no representation as to the suitability of the channels provided by it for such sub-division into additional channels by the customer. These channels may be connected with other channels which are furnished by the Telephone Company to the same customer, and to channels created therefrom, if the forms of electrical communication for which they are being used are compatible.
  - B. Type 3002 - A two-wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 16dB; for two-point or multi-point service; normally suitable for half or full duplex data transmission.

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PRIVATE LINE SERVICE (cont'd)

4. Series 3000 Channels (cont'd)
- B. Type 3002 (cont'd)
1. Regulations applicable to Type 3002 channels
    - a. Data processing equipment, teletypewriter station equipment and terminal equipment required to condition signals generated by or delivered to customer apparatus, and station wiring for data transmission purposes shall be provided by the customer, subject to the regulations set forth in this Tariff regarding connections with customer-owned equipment.
    - b. Customers, by use of their own equipment, and to the extent permitted by the normal transmission characteristics of the grade of channel ordered may create additional channels for any type of communication by subdividing a channel furnished under this Tariff. The Telephone Company makes no representation as to the suitability of the channels by the customer. These channels may be connected with other channels which are furnished by the Telephone Company to the same customer, and to channels created therefrom, if the forms of electrical communication for which they are being used are the same.
    - c. When these channels are furnished for multi-point service, a bridging charge applies for each station bridged on the same circuit.
  2. Conditioning applicable to Type 3002 Channel
    - a. Type C1 - For a two-point or multi-point channel
      - the envelope delay distortion shall not exceed:
        - between 1000 and 2400 Hertz, a maximum difference of 1000 micro-seconds
      - the loss deviation with frequency (from 1000 Hertz reference) shall not exceed:
        - between 1000 and 2400 Hertz, -1db to +3db
        - between 300 and 2700 Hertz, -2db to +6db
        - between 2700 and 3000 Hertz, -3db to +12db
        - (+ means more loss)
    - b. Type C2 - For a two-point or multi-point channel
      - the envelope delay distortion shall not exceed:
        - between 1000 and 2600 Hertz, a maximum difference of 500 micro-seconds

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PRIVATE LINE SERVICE (cont'd)

## 4. Series 3000 Channels (cont'd)

## B. Type 3002 (cont'd)

## 2. Conditioning applicable to Type 3002 Channel (cont'd)

## b. Type C2 - For a two-point or multi-point channel (cont'd)

between 600 and 2600 Hertz, a maximum  
difference of 1500 micro-seconds

between 500 and 2800 Hertz, a maximum  
difference of 3000 micro-seconds

- the loss deviation with frequency (from  
1000 Hertz reference) shall not exceed:

between 500 and 2800 Hertz, -1db to +3db

between 300 and 3000 Hertz, -2db to +6db

(+ means more loss)

NOTE: On a multi-point channel arranged  
for switching, conditioning in  
accordance with the above  
specifications is applicable only  
when in the unswitched mode.

## c. Type C4 - For a two-point, three-point or four-point channel

- the envelope delay distortion shall not exceed:

between 100 and 2600 Hertz, a maximum  
difference of 300 micro-seconds

between 800 and 2800 Hertz, a maximum  
difference of 500 micro-seconds

between 600 and 3000 Hertz, a maximum  
difference of 1500 micro-seconds

between 500 and 3000 Hertz, a maximum  
difference of 3000 micro-seconds

- the loss deviation with frequency (from 1000 Hertz reference) shall not  
exceed:

between 500 and 3000 Hertz, -2db to +3db

between 300 and 3200 Hertz, -2db to +6db

(+ means more loss)

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

## d. Type D1 - For a two-point channel not arranged for switching

- Certain data transmission characteristics necessary for high  
performance data transmission cannot be assured on all channels  
generally available for data

PRIVATE LINE SERVICE (cont'd)

- 4. Series 3000 Channels (cont'd)
  - B. Type 3002 (cont'd)
    - 2. Conditioning applicable to Type 3002 Channel (cont'd)
      - d. Type D1

transmission. However, Type 3002 voice grade two-point channels may be specially arranged to provide for the following technical parameters at the request of the customer:

- Signal to C-Notched Noise Ratio 28db
- Nonlinear distortion:
  - (1) signal to second order distortion 35db
  - (2) signal to third order distortion 40db

When the channel equipped with this conditioning is utilized for voice communications, the Telephone Company does not undertake to represent that channel will be suitable for such voice transmission.

C. Rate Schedule - Series 3000 Channels

1.	Channels on the same or connected premise	<u>Monthly Rate</u>
	Each Two-wire Channel	\$ 2.30
	Each Four-wire Channel	4.60
2.	Channels between adjacent premises	
	Each Two-wire Channel	\$ 9.78
	Each Four-wire Channel	19.55
3.	Intraexchange and Interexchange Channels	
	a. Local Channel - one required for each premise at which a channel terminates	
	Each Two-wire Channel	\$24.15
	Each Four-wire Channel	48.30
	b. Intraexchange and Interexchange channels per mile between wire centers for Series 3000 Channels	
		<u>Monthly Rate</u>
		<u>Fixed Rate</u> <u>Rate per Mile</u>
	0 to 1 Mile	\$12.50                      -
	Over 1 to 3 miles	11.00                      \$ 4.00
	Over 3 to 5 miles	14.00                      4.00
	Over 5 to 15 miles	16.00                      4.00
	Over 15 to 25 miles	32.00                      3.00
	Over 25 miles	44.00                      2.50

PRIVATE LINE SERVICE (cont'd)

4	Series 3000 Channels (cont'd)		
	C. Rate Schedule - Series 3000 Channels		
	4. Transmission Function - one required per local channel		
		<u>Monthly Rate</u>	
		<u>Intraexchange</u>	<u>Interexchange</u>
	Type 3001	\$ 4.60	\$12.08
	Type 3002	16.10	21.85
	5. Multi-point channels - in addition to the preceding, the following charge applies for bridging multi-point channels.		
		<u>Monthly Rate</u>	
		<u>Intraexchange</u>	<u>Interexchange</u>
	a. At each premises at which a Type 3001 channel terminates	\$22.43	\$22.43
	b. At each station at which a Type 3002 channel terminates	22.43	22.43
	6. Conditioning		<u>Monthly Rate</u>
	a. Type C1		
	- on a two-point channel not arranged for switching		\$ 6.90
	- each station		
	- on a multi-point channel not arranged for switching		
	- for the first station in an exchange		13.23
	- each additional station in the same exchange as the first station		9.20
	b. Type C2		
	- on a two-point channel not arranged for switching		
	- each station		\$25.30
	- on a multi-point channel not arranged for switching		
	- for the first station in and exchange		36.80
	- each additional station in the same exchange as the first station		13.23
	c. Type C4		
	- on a two-point channel not arranged for switching		
	- each station		\$40.25



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PRIVATE LINE SERVICE (cont'd)

4. Series 3000 Channels (cont'd)
- C. Rate Schedule - Series 3000 Channels
- |   | <u>Monthly Rate</u> |
|---|---------------------|
| d. Type D1  |                     |
| - on a two-point channel not arranged for switching |                     |
| - per channel                                       | \$11.50             |
5. Definitions of Terms
- A. Adjacent Premises  
Adjacent premises are properties owned or leased by the same customer, which are separated by a street, alley or other public thoroughfare absent which such properties would other wise be continuous. Channel connections between the premises must be direct, i.e. accomplished by the attachment of Telephone Company facilities to the customer's buildings, other customer-provided structures, or by existing utility company poles. Channels furnished through Telephone Company-provided conduit or through the use of supporting structures provided by the Telephone Company specifically for this purpose are excluded from "adjacent premises" rate treatment.
- B. Baud  
Baud denotes a unit of signaling speed. It is the reciprocal of the time duration in seconds of this shortest signal element (mark or space) within a code signal. The speed in bauds is the number of signal elements per second.
- C. Bridging  
Bridging defines the transmission equipment, e.g. amplifier equipment, required for the proper operation of multipoint voice grade and/or data channels.
- D. Central Office  
The term central office denotes a local Telephone Company switching system where Telephone Exchange service customer station loops are terminated for purposes of interconnection to each other and to trunks.
- E. Central Office Serving Area  
A central office serving area is the geographical area normally served from a single Telephone Company local office switching location having one or several switching units which may be used interchangeably to serve all customers located with the area.

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PRIVATE LINE SERVICE (cont.)

## 5. Definitions of Terms (cont.)

## F. Channels Specially Connected

Channels are considered specially connected if they meet any of the following conditions: they are wired in series, such as is commonly done for alarm service, if a pair of wires is strapped to appear as one wire; if special bridging equipment is required, or any other method of interconnection is utilized, other than the paralleled connection commonly used in telephone plant.

## G. Connected Premises

Connected premises are contiguous properties having a common boundary on all or most of one side. Such premises may not be separated by a street, alley or public thoroughfare or by intervening property.

## H. Duplex Service

Duplex service denotes service which provides simultaneous transmission in both directions.

## I. Equalized

A channel is considered to be equalized when the characteristics of the signal transmitted are preserved at the receiving end.

## J. Frequency Separation

The term "Frequency Separation" denotes a method whereby simultaneous operation in both directions on a half-duplex grade of channel service can be achieved by the allocation of different frequency sections of the spectrum to each direction of transmission.

## K. Half-Duplex Service

Half-Duplex Service denotes service which provides transmission alternately in either direction, or transmission in one direction only.

## L. Interexchange Channel

An interexchange channel is one which connects two or more exchanges

## M. Interface

An interface is a point on the property where the customer's service is located, at which Telephone Company-provided private line service terminates and at which connection of Telephone Company-provided private line service is made with communications systems or terminal equipment provided by the customer, or with other Telephone Company-provided services.

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PRIVATE LINE SERVICE (cont'd)

## 5. Definition of Terms (cont'd)

- N. Interoffice Channel  
An interoffice channel is one which connects two or more wire centers within the same exchange.
- O. Local Channel  
A local channel consists of the wiring and facilities required for that portion of the service which extends from the customer's premises to the normal serving central office.
- P. Multi-point Service  
Multi-point service denotes a service which provides common communications capability to more than two customers' premises, or, in the case of data service, to more than two station locations.
- Q. Transmission Function  
Transmission Function is the equipment necessary to adapt a circuit to the station interface requirements and bring transmission characteristics into objective range.
- R. Wire Center  
The term "wire center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

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HIGH CAPACITY CHANNELS  
1.544 MEGABITS PER SECOND (Mbps)

A. GENERAL1. Description

- a. High Capacity Channels are two-point private line channels. These channels provide simultaneous two-way transmission of serial, bipolar, return to zero isochronous digital signals. The transmission speed of a High Capacity Channel is 1.544 Megabits Per Second (Mbps). A pulse density restriction, plus a constraint on customer-provided framing are part of the format constraints on High Capacity Channels. The format constraints permit the Telephone Company the use of every 193rd bit position for future use, therefore, the effective throughput rate available to the customer is 1.536 Mbps.
- b. Channels are furnished for service on a full-time basis, 24 hours a day, 7 days a week.
- c. Channels are furnished for use with customer-provided terminal equipment and communication systems. They are "pipeline" channels that have applications such as voice and data depending upon the customer's choice of terminal equipment.
- d. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in this and other Tariffs of the Telephone Company.

F. REGULATIONS1. Availability of Service

- a. High Capacity Channels require special equipment and will be provided only from those central offices equipped for digital transmission.
- b. This service is subject to the technical limitations of the digital equipment used by the Telephone Company as set forth in B.2. following. The central offices equipped to furnish 1.544 Mbps High Capacity Channel service have been or will be designated by the Telephone Company. A Service inquiry must be made to determine availability of service.

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HIGH CAPACITY CHANNELS  
1.544 MEGABITS PER SECOND (Mbps) (cont'd.)

B. REGULATIONS (cont'd.)

1. Availability of Service (cont'd.)

- c. When the components required to provide service are not available, and when mutually agreeable to the customer and Telephone Company, special construction and/or facilities leasing may be undertaken to provide the required service. In such cases, charges based on costs apply.

2. Channel Service Unit Functionality

Channel Service Unit Functionality is required at all times at each station on a customer's premises to perform such functions as proper termination of the service, amplification, signal shaping and remote loopback testing. This functionality must be provided by the customer and it must comply with the requirements of the Bell Technical Reference Publication 62411 and Section 31 of Verizon Pennsylvania Inc., Telephone-Tariff-PA P.U.C. No. 18.

3. Connections

Terminal equipment to be provided by the customer must meet the following interface requirements:

- a. Data signals, including timing and control where provided, exchanged at the interface between the customer's equipment and the High Capacity Local Channel must meet the signal and format constraints listed below.

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

Electrical, mechanical and functional specifications for these interfaces are available from the Telephone Company upon request.

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HIGH CAPACITY CHANNELS  
1.544 MEGABITS PER SECOND (Mbps) (cont'd.)

B. REGULATIONS (cont'd.)

3. Connections (Cont'd.)

- b. The Telephone Company's responsibility ends at the Demarcation Point and does not include maintaining operational capability of customer-provided equipment. Customers must provide and maintain terminal equipment at their expense.

4. Minimum Service Period

Local Channels are subject to a minimum payment period of 24 months. If service is disconnected prior to the expiration of the initial 24 month period, termination liability charges are applicable for the remaining portion of the minimum period, whether service is used or not. The termination liability charge will be reduced by 1/24th for each month of service.

5. Mileage Measurements

Rates for interexchange channels are based on airline mileage between the serving wire centers in accordance with the National Exchange Carrier Association Tariff F.C.C. No. 4.

HIGH CAPACITY CHANNELS  
1.544 MEGABITS PER SECOND (Mbps) (Cont.)

C. CIRCUIT COMPONENTS AND RATES

1. Intraexchange Channel

The circuit components for a High Capacity Intraexchange Channel between two customer premises located in the same exchange are:

- a. Local Channel, each (two required, one for each premises at which the channel terminates).

	<u>Monthly Rate</u>	<u>Non-Recurring Charges</u>
Initial	\$211.50	\$660.00
Additional*	\$105.00	\$660.00
Maximum Termination liability for each initial local channel installed		\$4,372.00
Maximum Termination liability for each additional local channel installed		\$2,160.00

\*The additional local channel monthly rate and the non-recurring charges apply to High Capacity Channels installed between the same locations as the initial channel.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
b. <u>Multiplexing</u>		
T1 to Voice: An arrangement that multiplexes a 1.544 Mbps circuit to 24 Voice Grade channels.		
- per arrangement	\$300.00	None

HIGH CAPACITY CHANNELS  
1.544 MEGABITS PER SECOND (Cont.)

C. CIRCUIT COMPONENTS AND RATES (Cont.)

2. Interexchange Channel

The circuit components for a High Capacity Interexchange Channel between two customer premises located in different exchanges are:

- a. Local Channel, each (two required, one for each premises at which the channel terminates). (1)

	<u>Monthly Rate</u>	<u>Non-Recurring Charges</u>
Initial	\$ 211.50	\$ 660.00
Additional*	\$ 105.00	\$ 660.00
Maximum Termination liability for each initial local channel installed		\$4,372.00
Maximum Termination liability for each additional local channel installed		\$2,160.00

\*The additional local channel monthly rate and the non-recurring charges apply to High Capacity Channels installed between the same locations as the initial channel.

- b. Interexchange Channel, per mile Monthly Rate  
\$ 27.50

Mileage for interexchange channels is the airline distance between wire centers. (2)

A minimum of one mile applies to interexchange channels.

- (1) If intercompany interexchange, only one local channel required for this Company.
- (2) If intercompany interexchange, interexchange channel mileage is charged from the wire center to the point of connection of the other Company. When this service does not terminate at a customer's premises in this Company's territory, the non-recurring charge specified in C.2.a. preceding applies per High Capacity service.



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HIGH CAPACITY CHANNELS  
1.544 MEGABITS PER SECOND, (Cont.)

C. CIRCUIT COMPONENTS AND RATES (Cont.)2. Interexchange Channel (cont.)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
c. <u>Multiplexing</u>		
T1 to Voice: An arrangement that multiplexes a 1.544 Mbps circuit to 24 Voice Grade channels.		
- per arrangement	\$300.00	None

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HIGH CAPACITY CHANNELS  
1.544 MEGABITS PER SECOND (Mbps), (Cont.)

D. DEFINITIONS

Bit

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

Channel Service Unit Functionality

Equipment which performs the functions of proper termination of the service, amplification, signal shaping and remote loopback testing.

Circuit

The channel(s) and transmission function(s) that are furnished to the customer by the Telephone Company as a unit, i.e., without intermediate switching arrangements.

Communications Systems

Dedicated channels and other facilities furnished by a customer (or a Telephone Company) for communications between premises.

Component

A basic element used to provide a circuit or arrangement. Components include local channels and interexchange channels.

Demarcation Point

The electrical terminus of a circuit on a customer's premises. It provides a physical interface to the circuit in terms of design, installation and/or testing depending on the equipment provided.

Framing

Establishing a reference so that digital signals within a sequence of time slots can be identified.

Isochronous

Timing that is derived from the signal carrying the data (i.e., no timing or clock lead is provided at the demarcation point on the customer's premises).

Terminal Equipment

Any customer-provided telecommunications equipment other than transmission equipment (e.g. equalizers, amplifiers, etc.), multiline terminating systems or communications systems installed at a customer's premises and connected to a circuit.

Termination

Denotes the discontinuance of a circuit (including terminal equipment) either at the request of the customer or by the Telephone Company.

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DIGITAL SERVICESA. Digital Data1. Basic Channel Description

Digital Data Service provides for the duplex four-wire transmission of digital signals at synchronous speeds of 9.6 or 56 kilobits per second (kbps) between and within Digital Serving Areas. The actual bit rate is a function of the channel interface selected by the customer.

The service is furnished for duplex operation on a twenty-four hour per day, seven day per week basis, for a minimum period of one month. The service will provide a standard interface to the customer's interface.

Customer-provided terminal equipment, customer-provided derivation equipment and customer-provided communications systems may be connected with facilities furnished for Digital Data Service.

a. Digital Serving Areas

Digital Data Service is available only to locations served from specially Equipped Telephone Company hubs which serve locations between and within Digital Serving Areas.

Digital Data channels are only available via Telephone Company designated hubs and are provided between customer Rate Demarcation Points (RDP's) or between a customer Rate Demarcation Point (RDP) and a Telephone Company hub.

b. Determination of Mileage

The interoffice mileage of channels furnished within a Digital Serving Area is based on the airline distances between the wire center serving each customer location.

The interoffice mileage for channels furnished between Digital Serving Areas is based on the airline distances between the wire centers associated with the customer's local serving wire center in each Digital Serving Area.

c. Service Components

The components of Digital Data Service offered for transmission between and within Digital Serving Areas are set forth below.

Local Digital Channel - connecting the customer's premises to the customer's local serving wire center.

Transmission Function - one applicable per 9.6 kbps termination.

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DIGITAL SERVICESA. Digital Data (DA)1. Basic Channel Description (cont'd)c. Service Components (cont'd)

Channel mileage – the mileage used to determine the monthly channel mileage rate is calculated on the airline distance between the serving wire centers involved. The V&H coordinates method is used to determine mileage. Monthly channel mileage is made up of both a fixed channel mile rate and a per mile channel rate. The fixed channel mileage charge will apply at the serving wire center(s) for each customer designated premises where the channel is terminated. The per mile channel charge is the per mile rate for the transmission path which extends between the Telephone Company wire centers.

Digital Bridging – this arrangement is used when digital data service is established for multi-station operation. An additional monthly charge applies to each station connected to the multi-station service.

Channel Service Unit type equipment is required at all times at each station on the customer's side of the Rate Demarcation Point (RDP) to perform such functions as proper termination of the service, amplification, signal shaping and remote loopback testing.

Rates

	<u>Term:</u>	<u>Monthly</u>	<u>MONTHLY</u> <u>2 Year</u>	<u>3 Year</u>	<u>5 Year</u>
<b>CHANNELS</b>					
9.6 kbps		\$50.00	\$49.00	\$47.50	\$45.00
56 kbps		\$140.00	\$119.00	\$98.00	\$70.00
<b>MILEAGE</b>					
Channel Miles (Fixed)					
9.6 kbps		\$25.00	\$24.50	\$22.50	\$20.00
56 kbps		\$65.00	\$55.25	\$45.50	\$32.50
Channel Miles (Per Mile)					
9.6 kbps		\$2.00	\$1.90	\$1.70	\$1.60
56 kbps		\$2.50	\$2.13	\$1.75	\$1.25
<b>TRANSMISSION FUNCTION</b>					
9.6 kbps		\$90.00	\$88.20	\$85.50	\$81.00
<b>OPTIONAL FEATURES</b>					
Digital Bridging		\$25.00	\$25.00	\$25.00	\$25.00
<b>NON-RECURRING CHARGES</b>					
9.6 kbps		\$600.00	ICB	ICB	ICB
56 kbps		\$600.00	\$2.00	\$2.00	\$2.00

CONSTRUCTION AND ATTACHMENT CHARGESA. GENERAL

The rates otherwise provided for in this tariff are based on furnishing service immediately adjacent to existing lines and facilities of the Telephone Company and on the use of lines and facilities engineered and constructed according to common and accepted practices. When service is desired at points somewhat removed from existing lines and facilities, or when abnormal and unusual arrangements and installations are desired, such service and installations are subject to additional charges as prescribed hereunder.

Any contribution in aid of construction, customer advance or other like amounts received from the customer which shall constitute taxable income as defined by the Internal Revenue Service will have the income taxes segregated in a deferred account for inclusion in rate base in a future rate case proceeding. Such income taxes associated with a CIAC or customer advance will not be charged to the specific contributor of the capital.

B. CONDITIONS

1. The Company reserves the right to determine the route and type of construction required to furnish service.
2. All facilities constructed by the Company will be owned and maintained by the Company.
3. The Company will be reimbursed for the actual cost of a relocation or rearrangement of outside plant facilities at a customer request.
4. Buried plant may be substituted for aerial plant at the option of the Company. The rules and charges contained herein apply uniformly to either type of outside plant.
5. The Company reserves the right to waive or reduce construction charges if the constructed facility is potentially of value to the Company in providing service to other customers, or for toll lines, or for any other service.

CONSTRUCTION AND ATTACHMENT CHARGES (cont.)

C. CONSTRUCTION ON PUBLIC RIGHT-OF-WAY

1. In all cases of plant construction on public highway, ownership of the plant must be vested in either the Telephone Company or some company with which the Telephone Company has a joint use agreement.
2. When local exchange service is desired at a point outside the base rate area but within the exchange area more than 2,640 feet distant from the existing facilities, the applicant therefore may be required to pay for this construction or the use of another company's plant in lieu of such construction as follows:

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CONSTRUCTION AND ATTACHMENT CHARGES (cont'd)G. CONSTRUCTION ON PUBLIC RIGHT-OF-WAY (cont'd)

3. A non-recurring charge based on actual cost as determined by the Company will be assessed the customer for main line construction in excess of that furnished without charge. The distance is actual route measure from the end of the initial 1/2 mile of construction to the terminal or pole in the distribution facility from which the customer will be served.
4. Measurement to be restricted to the shortest and most direct route over which the desired point can be reached by following public right-of-way or other vested right-of-way privileges which the Telephone Company may hold by reason of its franchise or charter, including public thoroughfares such as highways, streets and public alleys.
5. Charges paid for construction of distribution facilities will be recalculated if additional customers are added to the line within three years and the customer that originally paid the charge is still served by the line. The construction charge is recalculated on the basis of the total customers that will now be served by the facility in accordance with C.3 above. The difference between the original charge and the recalculated charge is divided among the parties in the same ratio as their original payments were to the total charge collected. Construction charges will be refunded if the Company utilized the facility for toll lines or any other type of service.

D. CONSTRUCTION ON PRIVATE PROPERTY

1. In all cases of plant construction on private property, where the type of construction is selected by the telephone company, the Telephone Company will construct, own and maintain the facilities either wholly or jointly with an electric utility, subject to a construction charge based on route measurement as follows:
2. The Company will construct up to 1,000 feet of terminal facilities on private property without charge to the customer. Additional facility beyond 1,000 feet will be charged to the customer based on actual cost to the Company.



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CONSTRUCTION AND ATTACHMENT CHARGES (cont'd)D. CONSTRUCTION ON PRIVATE PROPERTY (cont'd)

3. The terminal facility measurement is the actual route distance from the point of connection with the distribution facility to the drop pole for aerial plant and to the point of entry into the building in which the station is located for buried plant. The point of connection with the distribution facility will be assumed to be on the customer's side of a public road when the distribution system is located on the opposite side of the road.
4. The customer will secure at his expense all rights-of-way permits to assure the Company access for construction, maintenance, inspection, testing or removal of all or any part of the terminal facility. Any expense incurred by the Company to cross railroad tracks, streams, lakes and state and federal lands, in connection with the terminal facility, will be passed on to the customers in the actual amount of such expense.
5. The customer is responsible for all tree trimming required to keep the private right-of-way, in which his terminal facilities are located, clear and unobstructed.
6. When another customer is added to a terminal facility, the part used to serve more than one customer is considered to be a distribution facility and the provisions in C.5. preceding apply to the portion for which an excess construction charges had been paid.

E. MINIMUM CONTRACT

1. New construction will be provided only where service is contracted for a minimum period of one year. Where un reusable facilities are built to provide service for a short period, the construction charge will be the actual cost of construction, plus the cost of removal less the salvage value of the removed facility.

F. OTHER SPECIAL CONSTRUCTION

1. Where the customer requests a type of construction different from that selected by the Telephone Company, a charge will be made to cover the excess cost of construction above that selected by the telephone company.
2. The Telephone Company shall have access to all facilities at all times for maintenance purposes.

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CONSTRUCTION AND ATTACHMENT CHARGES (cont'd)F. OTHER SPECIAL CONSTRUCTION (cont'd)

3. The customer will reimburse the Company for the actual cost of any non-typical construction, such as placement of a buried or underground terminal facility in an area served by aerial facilities.
4. Applicants requesting underground service in lieu of standard overhead service installation will be required to open and backfill the trench and furnish all conduits and fixtures required.
5. When some special or abnormal installation or arrangement of facilities is desired, such as underground construction or concealed wiring, the applicant may be required to furnish at his own expense all necessary conduits, backboards, manholes, outlets and other fixtures. The Telephone Company will install and maintain its facilities in such conduits and fixtures, provided they are constructed in such a manner as to meet the Telephone Company's needs and approval.
6. Construction of a Type Required by Governmental Authority: Where a governmental authority, by legislation or otherwise, requires a type of construction different from that selected by the Telephone Company, the customer shall be charged, in addition to any charge applicable under other sections, an amount based on the excess costs involved, including the excess cost of the facilities included in the construction allowance. Where a governmental authority requires that existing facilities be changed to another type of construction, the customer shall be charged an amount based on the costs of the new construction and the removal of the old, if such removal is required.

G. CONSTRUCTION TO PROVIDE LEASED CHANNELS AND OTHER SERVICES

1. The Company is obligated to construct facilities especially designed to provide private line telephone or other non-exchange services, only if an adequate return on the investment is assured.
2. The customer will pay a construction charge based upon the actual cost of construction less four times the anticipated annual revenue from mileage charges applicable to that part of the channels obtained from the constructed facility.
3. If service is discontinued within four years from the date the original construction is completed, a termination charge (equal to the original cost of construction, plus cost of removal less the total of the construction charge and monthly charges paid by the customer) will apply.

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CONSTRUCTION AND ATTACHMENT CHARGES (cont'd)

H. UNDERGROUND TELEPHONE SERVICE IN NEW RESIDENTIAL DEVELOPMENTS

1. For the purpose of this section only, the following words and terms shall have the following meanings, unless the context clearly indicates otherwise:
  - a. Applicant for telephone service - The developer of a recorded plot plan consisting of five or more lots, or one of more five-unit apartment houses.
  - b. Developer - The party responsible for constructing and providing improvements in a development, that is, streets, sidewalks, and utility-ready lots.
  - c. Development - A planned project which is developed by a developer/applicant for telephone service set out in a recorded plot plan of five or more adjoining unoccupied lots for the construction of single-family residences, detached or otherwise, mobile homes, or apartment houses, all of which are intended for year-round occupancy, if telephone service to the lots necessitates extending the utility's existing distribution lines.
  - d. Distribution Line - A main line facility directly or indirectly connecting the customers in a development to the telephone central office.
  - e. Service Line - A line from the distribution line to the residence of the subscriber.
  - f. Subdivider - The party responsible for dividing a tract of land into building lots which are not to be sold as utility-ready lots.
  - g. Subdivision - A tract of land divided by a subdivider into five or more adjoining unoccupied lots for the construction of single-family residences, detached or otherwise, or apartment houses, all of which are intended for year round occupancy, if telephone service to the lots necessitates extending the utility's existing distribution lines.
2. Distribution and service lines, except pedestals, installed as the result of an application for telephone service within a development shall be installed underground; shall conform to the utility's construction standards; and shall be owned and maintained by the utility. Excavating and backfilling shall be performed by the applicant for

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CONSTRUCTION AND ATTACHMENT CHARGES (cont'd)H. UNDERGROUND TELEPHONE SERVICE IN NEW RESIDENTIAL DEVELOPMENTS  
(cont'd)

telephone service or by another agent the applicant may authorize. All other installation shall be performed by the utility or by another agent the utility may authorize. The utility shall not be liable for injury or damage occasioned by the willful or negligent excavation, breakage or other interference with its underground lines occasioned by anyone other than its own employees or agent. Nothing in this section shall prohibit a utility from performing its own excavating and backfilling for greater system design flexibility. No charges other than those specified in subsections (c) and (d) shall be permitted.

3. The applicant for telephone service to a development shall do the following:
  - a. At its own cost, provide the utility with a copy of the recorded development plot plan identifying property boundaries, and with easements satisfactory to the utility for occupancy and maintenance of distribution and service lines and related facilities.
  - b. At its own cost, clear the ground in which the service lines and related facilities are to be laid of trees, stumps and other obstructions, provide the excavating and backfilling according to utility specifications and subject to the inspection and approval of the utility, and backfill within 6 inches of final grade. Utility specifications for excavating and backfilling shall be set forth by the utility in written form and presented to the applicant at the time of application for the service and presentation of the plot plan to the utility. If the utility's specifications have not been met by the applicant's excavating and backfilling, the excavating and backfilling shall be corrected or redone by the applicant or its authorized agent. Failure to comply with the utility's construction standards and specifications permits the utility to refuse utility service until the standards and specifications are met.
  - c. Request the installation of distribution and service lines at such time that the lines may be installed before curbs, pavements and sidewalks are laid; carefully coordinate scheduling of the utility's line and facility installation with the general project construction schedule including coordination

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CONSTRUCTION AND ATTACHMENT CHARGES (cont'd)

H. UNDERGROUND TELEPHONE SERVICE IN NEW RESIDENTIAL DEVELOPMENTS  
(cont'd)

with any other utility sharing the same trench; keep the route of lines clear of machinery and other obstructions when the line installation crew is scheduled to appear; and otherwise cooperate with the utility to avoid unnecessary costs and delay.

- d. Place with the telephone company, in advance or upon such other terms as the company may require, the following charges:
  - (i) A prepayment in aid of construction in an amount not in excess of 60% of the company's costs of the distribution line for the development.
  - (ii) The prepayment in aid of construction will be refunded on a proportionate basis for each contract for telephone service rendered. The basis for total refund shall be 100% refund upon receipt of telephone contracts for telephone service from 50% of the total development within a 10 year period.
- 4. If the applicant changes the plot plan after installation of the telephone utility's lines has begun, or requests deviation from the utility's established underground construction practices, the additional costs shall be borne by the applicant. No charges other than those described in this subsection and in subsection (c) shall be borne by the applicant for telephone service or by another utility sharing the same trench, even if the utility elects to perform its own excavating and backfilling.
- 5. The joint use of trenches is recommended whenever economically and technologically feasible. However, the economic advantages which can result from the joint use of trenches may at times be obviated by the technological disadvantages of joint occupancy. Therefore, the joint use of trenches is not mandatory but will be required whenever the circumstances indicate that the use would be feasible and all parties agree thereto.
- 6. This section shall apply to all requests for distribution facilities for telephone service to developments which are filed after June 9, 1984.

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CONSTRUCTION AND ATTACHMENT CHARGES (cont'd)H. UNDERGROUND TELEPHONE SERVICE IN NEW RESIDENTIAL DEVELOPMENTS  
(cont'd)

7. Whenever the public utility or an affected person believes that the application of the tariff rule works an undue hardship, involves a physical impossibility, or is otherwise inappropriate, the utility or person may request an exception from the undergrounding requirements of this section. If an exception request initiated by an applicant for telephone service is granted and the applicant thereafter desires underground service, then this section shall apply as if no exception had been granted.
8. Underground facilities in new residential developments are only required by this section when a bona fide developer exists, that is only when utility-ready lots are provided by the developer. A mere subdivision is not required to have underground service. However, should the lot owner in a subdivision desire underground service, the service shall be provided by the utility if the lot owner, at his option, either complies with subsection (c) or pays to the utility the charges that are contained in the utility's tariff for underground telephone service not required by this section.

MISCELLANEOUS SERVICES

DIRECTORY LISTINGS

All Subscribers, including Pay Telephones, are entitled to one listing in the official alphabetical directory published by the Telephone Company.

Additional listings are provided at \$.50 (Residence) and \$1.00 (Business) each per month. The charge will continue while the directory containing such listing is in effect. The charge will be terminated: if the main station telephone service is terminated; upon death of listed party; listed party subscribes for service in his own name; or moves to a location where he is not accessible to the subscriber's station.

Acceptable listings are limited to the real names of individuals, partnerships or corporations and/or the names under which such individuals, partnerships or corporations actually conduct their business.

Customers requesting an additional directory listing or a change in their present directory listing will incur a non-recurring Record Service Charge as specified in Section 5 of this tariff.

NON-PUBLISHED NUMBERS

A telephone number is "non-published" when it is omitted from the directory and also from the information lists of the Telephone Company. Upon request, a subscriber may have a "non-published" number at the rate listed below. Unless the specific call number is given by the person calling, connection will not be established with a telephone having a "non-published" number. (C)  
(C)

	<u>Business</u>		<u>Residential</u>	
Non-Published Directory Listing	\$1.50	(C)	\$2.50	(I)

A non-published number charge will apply if the customer requests a non-published number; however, only one non-published number charge will apply to the same customer at one premise regardless of the number of lines or type of service to which he or she may subscribe.

Customers requesting that their telephone number be excluded from the directory and information lists, or changed from a "non-published" basis to a regular listed basis, will incur a non-recurring Record Service Charge as specified in Section 5 of this Tariff.

When existing service for the same customer requires a number change in order to establish or continue "non-published" service, a Telephone Number Change Charge applies as specified in Section 5 of this Tariff.

(C) Indicates Change  
(I) Indicates Increase

MISCELLANEOUS SERVICES (cont'd)

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MISCELLANEOUS SERVICES (cont'd)CUSTOM CALLING SERVICESA. DESCRIPTION

The following Custom Calling Services are only available on a monthly subscription basis:

1. CALL WAITING -

Call Waiting permits the customer engaged in a call, to receive a tone signal indicating a second call is waiting and by operation of the switchhook to place the first call on hold and answer the waiting call. The customer may alternate between the two calls by operation of the switchhook.

2. CALL FORWARDING -

Call Forwarding permits the customer to automatically transfer all incoming calls to a telephone at another location. The customer activates Call Forward by dialing a special code followed by the telephone number of the location to which calls are to be transferred. The feature may be deactivated by dialing another code. The customer may still make outgoing calls even though a transferred call is in progress.

3. SPEED CALLING 8 -

Speed Call permits the customer to place calls to local or long distance numbers by dialing abbreviated codes instead of the complete telephone numbers. Two arrangements of Speed Call are available: 8-number capacity using one digit abbreviated codes and 30-number capacity using two digit codes. Customers may make changes or entries in their repertory by dialing special codes.

4. SPEED CALLING 30 - see above5. THREE-WAY CALLING -

Three-Way Calling permits the customer, by operation of the switchhook, to place an existing call on hold, dial the telephone number of a third party and establish a three-way conference call. The customer may talk privately with the third party before establishing the three-way connection and may disconnect the third party to re-establish the original connection. The customer establishing the conference must remain on the line for the duration of the call.

MISCELLANEOUS SERVICES (cont'd)CUSTOM CALLING SERVICES (cont'd)A. DESCRIPTION (cont'd)

6. CONTROLLED CALLING - Phones can be programmed to restrict the placing of outgoing calls to the local service area only (no direct-dialed or operator-handled toll). No monthly charge applies.
7. REMOTE CALL FORWARDING (RCF)- Calls placed to the RCF number are automatically forwarded via the public switched network to the RCF terminating number designated by the subscriber. The Company will provision one access path per RCF subscription. One access path is required for each additional call to be simultaneously forwarded. If RCF calls are forwarded to a number outside the local calling area, toll rates apply to the forwarded portion of the call and are billed to the RCF customer. Rates and regulations specified in other sections of this tariff apply to RCF service. End User Access Charges specified in the National Exchange Carrier Association Tariff F.C.C. No. 5 do not apply to RCF service. Call Forwarding as described above, is not offered as a feature at the RCF terminating number.
8. CALL FORWARD BUSY LINE - This service forwards incoming calls to a predesignated directory number when the called line is busy. With Call Forward Busy Line, the subscribers have the flexibility of changing the forward-to number at their discretion, without a service order.

MISCELLANEOUS SERVICES (cont'd)CUSTOM CALLING SERVICES (cont'd)A. DESCRIPTION (cont'd)9. CALL FORWARD DON'T ANSWER -

This service forwards all incoming calls to a predesignated directory number if the called number is not answered after a specified number of rings. With Call Forward Don't Answer, the subscriber has the flexibility of changing the forward-to number without contacting the telephone company for a new service order.

10. CALL FORWARD REMOTE ACTIVATION -

This service allows subscribers to activate or deactivate all types of Call Forward or to change the forward-to destination from a remote location. Call Forward Remote Activation can be accessed from any touch tone telephone simply by dialing the access code and a personal identification number (PIN) assigned by the telephone company. If Call Forwarding is already in effect, the forward-to number can be changed by dialing the access code, the PIN and the new forward-to destination.

11. CALL PICKUP -

This service allows a multiline customer to answer calls that are incoming to another line by dialing the call pickup access code and answering the call at a more convenient location.

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MISCELLANEOUS SERVICES (cont'd)CUSTOM CALLING SERVICES (cont'd)A. DESCRIPTION (cont'd)12. MAKE SET BUSY –

Subscribers can make their telephone lines appear busy to all incoming calls. The service is activated by dialing an access code, either when the line is idle or during the call. When an incoming call is diverted, the subscriber hears a short ring as a reminder that Make Set Busy is active. A deactivation code is dialed to return the line to idle status. Outgoing calls can still be placed while Make Set Busy is activated.

13. GROUP INTERCOM - This service allows individuals within a designated intercom group to contact each other by using an access code and abbreviated dialing.14. RESIDENTIAL CALL HOLD - This service allows the subscriber to place a call on hold and then continue the conversation either from the same set or from a more convenient location. Residential Call Hold is activated by flashing the switchhook, dialing an access code and then hanging up. The call is resumed when the handset is picked up.

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MISCELLANEOUS SERVICES (cont'd)CUSTOM CALLING SERVICES (cont'd)A. DESCRIPTION (cont'd)

The following services are available on either a monthly subscription basis or through pay-per-use:

15. LAST NUMBER REDIAL –

Customers may recall the last dialed directory number by entering an activation code. If the destination line is busy, Last Number Redial monitors the line until it becomes idle and then places the call. The subscriber can continue to originate and receive calls without affecting the Last Number Redial request. Last Number Redial requests can be canceled by dialing the deactivation code. Customers who choose the pay-per-use option are billed per activation, whether or not the attempted call is completed.

16. TALKING RETURN CALL –

Customers have the convenience of recalling the last incoming call without knowing the directory number of that call. Talking Return Call is activated by means of dialing a code. If the called directory number is busy, automatic processing of the call continues for a limited time or until both lines are idle. The customer can continue to originate and receive calls without affecting the Talking Return Call request. Return Call requests can be canceled by dialing the deactivation code. Calls returned outside the local calling area are subject to toll charges. Customers who choose the pay-per-use option are billed per activation, regardless of whether or not the attempted call is completed.

MISCELLANEOUS SERVICES (cont'd)

CUSTOM CALLING SERVICES (cont'd)

A. DESCRIPTION (cont'd)

17. CALL BLOCK - (1) (C)

Customers may selectively program a list of up to twelve directory numbers from which calls are to be blocked. This program list can consist of a directory number from any exchange having SS7 connectivity that includes all current exchanges of the Company. This service is activated and deactivated by dialing the appropriate access codes. The Call Block list can be modified by using the keypad. Incoming calls from directory numbers on the list are routed to an announcement stating the called party does not wish to receive the call. Customers may either incur a daily usage charge for each day the list is active or subscribe to the service and incur a monthly charge for unlimited use.

18. PRIORITY RINGING – (1) (C)

With this service, incoming calls from up to twelve directory numbers can be identified by a distinctive ringing pattern. If the customer is engaged in a conversation and a call from one of the designated directory numbers arrives, a distinctive call waiting tone accompanies the incoming call. Calls from all other directory numbers ring normally. The service is activated and deactivated by dialing the appropriate access code. This program list can consist of a directory number from any exchange having SS7 connectivity that includes all current exchanges of the Company. Customers may either incur a daily usage charge for each day the list is active or subscribe to the service and incur a monthly charge for unlimited use.

(1) Daily usage charges for these services are grandfathered and will no longer be available after December 13, 2009. These services will only be available going forward on a per month basis for unlimited use.

(C)  
|  
(C)

(C) Indicates Change

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MISCELLANEOUS SERVICES (cont'd)CUSTOM CALLING SERVICES (cont'd)A. DESCRIPTION (cont'd)19. SELECTIVE CALL FORWARD – (1)

This service allows incoming calls from up to twelve directory numbers to be forwarded to another location. Numbers on the Selective Call Forwarding list, as well as the forward-to directory number, can be changed at any time by using the keypad. Calls from directory numbers that are not on the Selective Call Forwarding list will be completed as dialed. This program list can consist of a directory number from any exchange having SS7 connectivity which includes all current exchanges of the Company. Customers may either incur a daily usage charge for each day the list is active or subscribe to the service and incur a monthly charge for unlimited use.

The following service is only available on a pay-per-use basis:

20. CALL TRACE

(C)

Customers may initiate an automatic trace of the last call received. After receiving a call which is to be traced, the customer dials a code and the traced number is automatically sent to the Telephone Company. The subscriber will not receive the telephone number of the party who called. The information will be held by the Telephone Company for release to the appropriate law enforcement personnel.

(1) Daily usage charges and per use for these services are grandfathered and will no longer be available after December 13, 2009. These services will only be available going forward on a per month basis for unlimited use.

(C) Indicates Change

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MISCELLANEOUS SERVICES (cont'd)

CUSTOM CALLING SERVICES (cont'd)

A. DESCRIPTION (cont'd)

21. SIMULTANEOUS RINGING \* - This service permits an individual line subscriber to designate up to five (5) telephone numbers, including the main number (referred to as the "Master" number), to ring at the same time whenever a call is placed to the Master number. Simultaneous Ringing service is identified with incoming calls and does not provide a separate dial tone line to place outgoing calls. Simultaneous Ringing service is only available on a monthly subscription basis. (C)
22. CALL REDIRECT SERVICE - Call Redirect Service enables subscribers to forward calls placed to designated telephone numbers to remote locations using dedicated facilities. Call Redirect Service is subject to a minimum three year contract and carries a prerequisite subscription to DS-1, DS-3, DS-0, T-1 or other high capacity facilities. Nonrecurring and monthly rates apply to each forwarded number. A monthly fee is also charged per talk path. Call Redirect Service does not utilize the public switched network when forwarding calls.

\* Simultaneous Ringing is grandfathered and is only available to existing customers at existing locations. (C)

(C) Indicates Change



## MISCELLANEOUS SERVICES (cont'd)

CUSTOM CALLING SERVICES (cont'd)B. NONRECURRING CHARGES

The following nonrecurring charges will apply for the connection of Controlled Calling, Remote Call Forwarding and Call Redirect Service.

	<u>Residence</u>	<u>Business</u>
Controlled Calling	\$15.00	\$20.00
Remote Call Forwarding	----	**
Call Redirect	\$15.00	\$15.00

\*\* The Business Line Connection Charge applies, as specified in Section 5 of this tariff.

C. MONTHLY RATES (Subscription)

1. The following monthly rates apply to Custom Calling Services:

<u>Services</u>	<u>Residence</u>	<u>Business</u>
Call Waiting	\$ 3.50	\$ 3.95
Call Forwarding	2.50	2.95
Speed Calling - 8 Station	1.50	1.50
Speed Calling - 30 Station	3.00	3.50
Three Way Calling	2.95	2.95
Remote Call Forwarding, per access path (1)	--	16.00
Distinctive Ringing	3.00	3.00
Call Forwarding Busy Line (2)	2.50	2.50
Call Forwarding Don't Answer (2)	2.50	2.50
Call Forwarding Remote Activation (3)	1.25	1.25
Call Pickup	.95	.95
Make Set Busy	.95	.95
Group Intercom	.95	.95
Residential Call Hold	.95	.95
Last Number Redial	3.50	3.50
Talking Return Call	3.75	4.75
Call Block	3.50	4.00
Priority Ringing	3.50	3.50
Selective Call Forwarding	3.50	3.90
Simultaneous Ringing (4)	2.95	2.95
Call Redirect, per number (1)	15.00	15.00
Call Redirect, per talk path (1)	3.00	3.00

(C)

## NOTES:

- (1) Not offered under Subscription Discount Rates
- (2) Customer may subscribe to one feature or to both features combined. The monthly rate is the same for either one service or both.
- (3) This is an option that can be added to any Call Forward arrangement.
- (4) These services are grandfathered and are only available to existing customers at existing locations. (C)

(C) Indicates Change

MISCELLANEOUS SERVICES (cont'd)CUSTOM CALLING SERVICES (cont'd)C. MONTHLY RATES (Subscription) (cont'd)

1. The following Subscription Discount Rate apply, per service, to monthly rates for packages of Custom Calling Services.

	Monthly Subscription Discount Rates (4)		(C)
	<u>Residence</u>	<u>Business</u>	
Package, two services, per line	15%	15%	
Package, three services, per line	20%	20%	
Package, four services, per line	25%	25%	
Package, five or more services, per line	30%	30%	

D. USAGE RATES

	Usage Rates	
	<u>Residence</u>	<u>Business</u>
Last Number Redial (1)	.50	.50
Talking Return Call (1)	.50	.50
Call Block (2)	.50	.50
Priority Ringing (2) (3)	.50	.50
Selective Call Forward (2)	.50	.50
Call Trace, per successful attempt	1.00	1.00

## NOTES:

- (1) Rate applies per each activation.
- (2) The per use availability of these services is grandfathered. See paragraph (C) for monthly recurring offers of these services.
- (3) Customers who subscribe to Call Waiting receive a priority call tone on selected calls if priority call screening list is activated.
- (4) Package percentage discounts are grandfathered and only available to existing customers at existing locations. (C)

(C) Indicates Change

MISCELLANEOUS SERVICESADVANCED INTELLIGENT NETWORK (AIN) SERVICES

- A. DESCRIPTION - As facilities permit, the following services will be provided when and where available.

Terminating Call Management - This service provides customers with control over incoming phone calls by allowing them to select either an "anti-solicitation" or a "do not disturb" mode. End user modifications can be completed via touch tone phone or the AIN Internet website.

Personal Number Service - This service allows a fixed telephone number to be forwarded to various locations for round-the-clock accessibility and call control. The subscriber can customize this service to have their Personal Number Service number automatically forward to the pre-determined number(s). Subscribers will have the ability to turn this feature on and off or to make modifications by using the telephone keypad.

Subscriber Authentication for Entry (SAFE) - This service forces anyone dialing the subscribed telephone number to enter a valid PIN prior to connection to the call. This service may be used to secure computer systems or to secure a conference circuit so that only authorized users may access the system using the valid PIN. For added security the subscriber can alter the PIN as often as every ten minutes.

Single Number Service - This service allows a subscriber with multiple locations to have a single contact number. When the subscriber's Single Number Service number is dialed, the network automatically routes the "geographically independent" phone number to the location nearest the caller. Calls can be routed by location as well as time of day or day of week.

MISCELLANEOUS SERVICES (cont'd)

ADVANCED INTELLIGENT NETWORK (AIN) SERVICES (cont'd)

A. DESCRIPTION (cont'd)

TollGuard \* - This service enables a subscriber to override the Controlled Calling feature by entering a Personal Identification Number (PIN) prior to placing a toll call. The Controlled Calling feature enables customers to block outgoing direct-dialed and outgoing operator-handled calls. The customer retains the ability to receive incoming calls, utilize the local non-toll network and to place calling card, collect, and third number calling service, i.e. sent-paid calls. (C)

B. MONTHLY RATES (Subscription)

<u>Services</u>	<u>Residence</u>	<u>Business</u>	
Terminating Call Management *	\$ 3.25	\$ 3.25	(C)
Personal Number Service	\$15.00	\$15.00	
Subscriber Authentication for Entry (SAFE)	\$ 5.00	\$ 5.00	
Single Number Service	\$ 5.00	\$ 5.00	
TollGuard *	\$ 3.50	\$ 3.50	(C)

C. NONRECURRING RATES

<u>Services</u>		
Personal Number Service	\$30.00	\$30.00

D. PROVISIONS AND REGULATIONS

- The following AIN features are eligible to be included with the Custom Calling Services Discount Rates as described in Section 10 of this tariff:

Terminating Call Management and TollGuard.

\* These services are grandfathered and are only available to existing customers at existing locations. (C)

(C) Indicates Change

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MISCELLANEOUS SERVICES (cont'd)DISTINCTIVE RINGINGA. DESCRIPTION

Distinctive Ringing Service enables an individual line subscriber to have up to two telephone numbers (referred to as "Dependent" numbers) assigned to one dial tone line in addition to the main number (referred to as the "Master" number). Each number when dialed will result in a distinctive ring which facilitates the ability of the customer to determine which number is being called. Where facilities permit, a distinctive Call Waiting tone for each telephone number will be provided for customers who subscribe to Distinctive Ringing Service and Call Waiting. Distinctive Ringing Service is associated with incoming calls only and does not provide a separate dial tone line to place outgoing calls. Distinctive Ringing Service is only offered on a monthly subscription basis.

B. EXPLANATION OF TERMS

## 1. Master Number

Main telephone number provided with the dial tone line and associated with incoming and outgoing calls.

## 2. Dependent Number

Additional telephone number (associated with the Master telephone number) that is used for incoming calls only and cannot be used for outgoing calls.

## 3. Distinctive Ringing and Distinctive Call Waiting Tone

Ring and Call Waiting tone patterns assigned to a Dependent number to distinguish incoming calls from those to the Master number.

C. REGULATIONS

1. Distinctive Ringing Service is furnished only from central offices where facilities are available, as determined by the Telephone Company.

2. Distinctive Ringing Service is provided only where, in the judgment of the Telephone Company, Distinctive Ringing Service is compatible with the type of service with which it is to be associated.

MISCELLANEOUS SERVICES (cont'd)DISTINCTIVE RINGING (cont'd)C. REGULATIONS (cont'd)

3. A customer can select up to two Dependent numbers assigned to the Master number.
4. The ringing and tone patterns associated with the Master and Dependent numbers shall be assigned solely at the discretion of the Telephone Company.
5. When a call is in progress, any incoming calls will receive a busy signal, unless the Distinctive Ringing Service customer also subscribes to Call Waiting.
6. Distinctive Ringing Service subscribers will be entitled to one White Pages directory listing option per Dependent number as part of the basic offering. The subscriber may choose one of the following listing options per Dependent number at no additional charge:

- . Listed Number
- . Non-published Number

(Note: Non-published Telephone Number regulations and charges for the Master number are covered in other Sections of this Tariff.)

7. "Collect" and "bill to a third number" calls may be charged to Dependent numbers. Calls charged to Dependent numbers will be billed to the Master telephone number. Additional charges for "collect" and "bill to a third number" will apply, as covered in other Sections of this Tariff and any other toll tariffs in which the Telephone Company may concur.
8. Where a customer subscribes to both Distinctive Ringing and Custom Calling Services, the applicable services are automatically associated with Master and Dependent numbers. Customers do not have the option of associating Custom Calling Service with less than all numbers except as set forth in Paragraph 9 following.
9. Distinctive Ringing Service customers who also subscribe to Call Forwarding must choose one of the following Call Forwarding arrangements at time of subscription:
  - a. Calls to Dependent and Master telephone numbers are forwarded to the same telephone number when Call Forwarding service is activated.

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MISCELLANEOUS SERVICES (cont'd)DISTINCTIVE RINGING (cont'd)C. REGULATIONS (cont'd)

9. (cont'd)
- b. Calls to the Master telephone number only are forwarded when Call Forwarding service is activated. Calls to Dependent number(s) will continue to ring and may be answered at the subscriber's premises.
10. Distinctive Ringing Service will not be provided on lines equipped with Telephone Company-provided hunting arrangements.
11. Distinctive Ringing Service may not be compatible with all types of customer provided telephone equipment.
12. Distinctive Ringing Service charges will be billed to the Master number.
13. All charges associated with Distinctive Ringing Service are the responsibility of the customer of record, including but not limited to "bill to a third number" and "collect" charges.
14. Distinctive Ringing Service is eligible to be included with the Custom Calling Services Discount Rates as described in Section 10 of this tariff.

D. RATES

Rates for Dependent number(s) will be determined by the type of service (e.g. residence or business) of the Master number.

1. Monthly Rates

- a. The following monthly rates apply to Distinctive Ringing Service.

	<u>Monthly Rates</u>
(1) Residence	
First Dependent Number	3.00
Second Dependent Number	3.00
(2) Business	
First Dependent Number	3.00
Second Dependent Number	3.00

MISCELLANEOUS SERVICES (cont'd)

Voice Mail Package:

The following features will be offered as a package. These three features are Call Forward Busy, Call Forward Don't Answer and Message Waiting. These features will be offered in conjunction with Voice Mail Services.

Call Forward Busy Fixed (CFB) - This service forwards incoming calls to another (pre-designated) number when the called line is busy. CFB is not activated and deactivated by the end user but is in effect anytime an incoming call encounters a busy line.

Call Forward Don't Answer Fixed (CFDA) - The service forwards all incoming calls to another (pre-designated) number if the called number is not answered after a specified number of rings. CFDA is not activated and deactivated by the end user but is in effect anytime an incoming call is not answered after the designated number of rings.

Message Waiting (MWT) - The service notifies the end user when there are messages queued against the line. When a message is queued, the message indicator, is activated. The message waiting indicator is turned off when the end user has retrieved all the messages queued against the line.

The Voice Mail Package is available only to nonregulated enhanced service providers who desire to integrate it with their own service to offer a single enhanced Voice Mail product. The Voice Mail Package is not available to individual business and residence customers as a stand alone service. The Voice Mail Package is classified as a Business service.

Rates:

There is no nonrecurring charge for the installation of this service. The monthly recurring rates that apply to the three feature package are as follows:

<u>No. of Feature Packages</u>	<u>Monthly Rate/Package (1)</u>	(C)
1 - 5, per package	\$ 2.95	
6 - 20, " "	\$ 2.60	
21 - 50, " "	\$ 2.30	
51 - 100, " "	\$ 2.00	
101 +, " "	\$ 1.75	

Note 1) The Multiple Feature Package Rate is grandfathered and only available to existing customers at existing locations. (C)  
 (C)

(C) Indicates Change



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MISCELLANEOUS SERVICES (cont'd)A. DESCRIPTION1. CALLER ID SERVICE

Caller ID Service is an optional feature which allows a subscriber to see the telephone number of an incoming call displayed on the customer provided display unit. The telephone number of an incoming call will display between the first and second rings. Caller ID Service works only on calls which originate from and terminate in central offices which are equipped to provide this service or between central offices that are equipped and have SS7 connectivity. Caller ID is available to customers by monthly subscription only, which provides unlimited use of this service.

As facilities permit, Caller ID Service will be provided to the following customers: Residence and Business One-Party Service, PBX Trunks and Centrex Service. For calls originating from a line within a PBX Multi-line hunting group, only the "main" telephone number will be delivered.

The telephone numbers that will be displayed on a Caller ID subscriber's display unit include listed, non-list and nonpublished telephone numbers.

The telephone numbers that will not be displayed to the Caller ID subscriber are: (1) calls from customers who use Per-Call Blocking or subscribe to Per-Line Blocking; (2) calls from customers located in central offices not a part of the SS7 Signaling System; and (3) calls placed through an operator. When these types of calls are received by a Caller ID subscriber their display unit will notify them that the calling telephone number is unavailable.

In addition to the ability to see the telephone number of incoming calls, Caller ID Service provides a subscriber with the ability to reject calls from customers who have blocked the display of their telephone number on outgoing calls. This feature is called Anonymous Call Rejection (ACR) and can be activated and deactivated by dialing a specific code. This feature is initially provided to the subscriber in the deactivated mode. The ACR will remain either on or off until the subscriber makes a change by dialing the special code. The Caller ID subscriber will hear a confirmation tone when the feature is activated or deactivated. When a caller who has activated the Per-Call Blocking or Per-Line Blocking, calls a Caller ID subscriber that has activated ACR, the caller will hear an announcement that calls from blocked telephone numbers are not being accepted. The Caller ID subscriber's telephone does not ring. There is no additional charge for this feature. Blocked local or long distance calls routed to the Anonymous Call rejection announcement will not be rated as completed calls.

Caller ID Service, Caller ID Deluxe Service, Per-Call Blocking and Per-Line Blocking can be used by customers with push button or dial pulse(rotary) telephones.

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MISCELLANEOUS SERVICES (cont'd)A. DESCRIPTION (cont'd)2. CALLER ID DELUXE SERVICE

Caller ID Deluxe Service is an enhancement of the optional feature Caller ID Service. Caller ID Deluxe allows a subscriber to see the telephone number and name of an incoming call displayed on the customer provided display unit. The telephone number and name of an incoming call will display between the first and second rings. Caller ID Deluxe works only on calls which originate from and terminate in central offices which are equipped to provide this service or between central offices that are equipped and have SS7 connectivity. Caller ID Deluxe is available to customers by monthly subscription only, which provides unlimited use of the service.

As facilities permit, Caller ID Deluxe Service will be provided to the following customers: Residence and Business One-Party Service, PBX Trunks and Centrex Service.

The telephone numbers and names that will be displayed on a Caller ID Deluxe subscriber's display unit include listed, non-list and nonpublished telephone numbers.

The telephone numbers and names that will not be displayed to the Caller ID Deluxe subscriber are: (1) calls from customers who use Per-Call Blocking or subscribe to Per-Line Blocking; (2) calls from customers located in central offices not a part of the SS7 Signaling System, and (3) calls placed through an operator. When these types of calls are received by a Caller ID Deluxe subscriber their display unit will notify them that the calling telephone number and name is unavailable.

In addition to the ability to see the telephone number and name of incoming calls, Caller ID Deluxe Service provides a subscriber with the ability to reject calls from customers who have blocked the display of their telephone number and name on outgoing calls. This feature is called Anonymous Call Rejection (ACR) and can be activated and deactivated by dialing a specific code. This feature is initially provided to the subscriber in the deactivated mode. The ACR will remain either on or off until the subscriber makes a change by dialing the special code. The Caller ID Deluxe subscriber will hear a confirmation tone when the feature is activated or deactivated. When a caller who has activated the Per-Call Blocking or Per-Line Blocking, calls a Caller ID Deluxe subscriber that has activated ACR, the caller will hear an announcement that calls from blocked telephone numbers are not being accepted. The Caller ID Deluxe subscribers telephone does not ring. There is no additional charge for this feature. Blocked local or long distance calls routed to the Anonymous Call rejection announcement will not be rated as completed calls.

MISCELLANEOUS SERVICES (cont'd)A. DESCRIPTION (cont'd)3. CALLER ID AND CALLER ID DELUXE PER-CALL BLOCKING

Per-Call Blocking is automatically available to all customers served by the Company. This blocking option allows the calling party to block the passage of their telephone number and name on outgoing calls. To activate Per-Call Blocking a special code is dialed prior to placing each call.

When this blocking feature is activated by the calling party, and they place a call to a Caller ID or Caller ID Deluxe subscriber, the subscriber's display unit will indicate that the incoming call has been blocked. There is no charge to activate Per-Call Blocking and the service is provided on an unlimited basis. Caller ID Per-Call Blocking does not prevent the delivery of telephone numbers to 911 emergency service providers.

The Pay Telephones in the Company serving area will only be equipped with the Caller ID Per-Call Blocking option. Instructions on how to use blocking will be provided at each public telephone location.

4. CALLER ID AND CALLER ID DELUXE PER-LINE BLOCKING

The calling party may prevent the display of their telephone number and name on a permanent basis by subscribing to Per-Line Blocking. This blocking option automatically prevents the display of the calling number and name for all calls placed from that line to a Caller ID or Caller ID Deluxe subscriber, unless the feature is deactivated. If a subscriber of Per-Line Blocking chooses to deactivate blocking, the calling telephone number and name would be sent for that call only. After the call is completed, the line automatically reverts back to the Per-Line Blocking feature. The deactivation of Per-Line Blocking is completed by dialing a special code prior to placing each call.

The code to deactivate Per-Line Blocking is different than the one used to activate Per-Call Blocking. Caller ID Per-Line Blocking will be available to all customers in the Company serving area.

The Per-Line Blocking option can only be added or removed from a customer's line by placing a service order with the Telephone Company. When this service is removed the line is automatically converted to the Per-Call Blocking capability. Caller ID Per-Line Blocking does not prevent the delivery of telephone numbers to 911 emergency service provider.

MISCELLANEOUS SERVICES (cont'd)A. DESCRIPTION (cont'd)

Customers who use either Per-Call Blocking or Per-Line Blocking will be unable to complete calls to Caller ID and Caller ID Deluxe subscribers that have activated the Anonymous Call Rejection (ACR) feature. When a caller who has blocked the display of his/her telephone number and name calls a Caller ID or Caller ID Deluxe subscriber that has activated ACR, the caller will hear an announcement that the called party does not take anonymous calls. To complete a call to a Caller ID or Caller ID Deluxe subscriber that has activated ACR: (1) place the call by unblocking the telephone number; or (2) place the call through an operator which may involve charges in addition to the cost of the call. The live operator surcharge will be waived for customers of Windstream D&E, Inc. who are victims of domestic violence, the staffs of domestic violence program agencies (when involved in domestic violence counseling) and emergency services personnel (while in the performance of their jobs). If the operator surcharge cannot be waived when the call is being placed, the Company will, upon notification, credit the live operator surcharge amount to the aforementioned party's telephone bill. Furthermore, should alternative methods become available in the future which permit the aforementioned to access the ACR party without revealing the caller's telephone number, the Company will waive any additional charges associated with such alternative methods.

B. RATES	Monthly Charge (per line)
Caller ID Service	
Residence	\$ 7.00
Business	\$ 7.00
Centrex	
2-10 lines	\$ 3.50
11-50 lines	\$ 2.00
51 or more lines	\$ 1.00
Caller ID Deluxe Service	
Residence	\$ 7.50
Business	\$ 7.95
Centrex	
2-10 lines	\$ 4.50
11-50 lines	\$ 3.00
51 or more lines	\$ 1.50

MISCELLANEOUS SERVICES (cont'd)

B. <u>RATES</u> (cont'd)	Nonrecurring Charge (per order) (per line)	Monthly Charge (per line)
Caller ID Blocking		
Per Call	-----	-----
Per Line		
Residence	15.00*	-----
Business	15.00*	-----
Centrex	15.00*	-----

\*Initial per line blocking is provided at no charge upon customer request. This nonrecurring charge would only apply for subsequent requests for Caller ID Blocking (Per Line) for the same customer at the same address.

C. PROVISIONS AND REGULATIONS

1. Caller ID Service and Caller ID Deluxe Service will be offered on a monthly basis only. These services are eligible to be included with the Custom Calling Services Discount Rates as described in Section 10 of this tariff.
2. The nonrecurring charge does not apply to upgrades in service from Caller ID to Caller ID Deluxe.

MISCELLANEOUS SERVICES (cont'd)

OPERATOR SERVICES

\* \* \* (C)

\* \* \* (C)

A. OPERATOR CALLS (C)

Calls placed through the operator to a station in the same Local Calling Area, are charged at the following rates:

<u>Calling Card Customer Dialed</u>	<u>Operator Station-to-Station #</u>	<u>All Types Person-to-Person</u>
\$ .35	\$ .90	\$ 2.50

#-Includes collect, special billing number, bill-to-a-third number, operator dialed calling card and all Time and Charge request calls. The live operator surcharge will be waived for customers of Windstream D&E, Inc. who are victims of domestic violence, the staffs of domestic violence program agencies (when involved in domestic violence counseling) and emergency services personnel (while in the performance of their jobs). If the operator surcharge cannot be waived when the call is being placed, the Company will, upon notification, credit the live operator surcharge amount to the aforementioned party's telephone bill. Furthermore, should alternative methods become available in the future which permit the aforementioned to access the ACR party without revealing the caller's telephone number and name, the Company will waive any additional charges associated with such alternative methods.

(C) Indicates Change

MISCELLANEOUS SERVICES (cont'd)DATA ACCESS SERVICE

## A. General

Data Access Service is an optional feature which may be added to a Local Exchange Service dial tone line to improve its quality to meet specific data transmission requirements. This service provides for the additional engineering, conditioning, rearrangement, testing and maintenance of facilities that are required to arrange a dial tone line for satisfactory data transmission performance using the public switched telecommunications network and customer provided equipment.

## B. Transmission Requirements

The transmission requirements to which Data Access Service is designed, furnished and maintained are delineated in various technical references commonly adopted as industry standards. Upon request of the customer, the Telephone Company will furnish a copy of the parameters currently being used to rate transmission performance.

## C. Regulations

Data Access Service is limited to the following types of Local Exchange Service: One-party Residence, One-party Business, PBX Trunk and DE Centrex station lines.

Only customer premises equipment which complies and has been approved within the Registration provisions of Part 68 of the Federal Communications Commission's Rules and Regulations may be connected to a dial tone line arranged with Data Access Service.

Data Access Service is offered only where existing suitable facilities are available. Where such facilities are not available, no special construction will be undertaken by the Telephone Company to provide this service.

Data Access Service is not necessarily identifiable with specific equipment, but rather represents the end results in terms of performance characteristics which may be obtained by various combinations of circuit design, conditioning and rearrangements of facilities. Although the work necessary to provide Data Access Service may vary from application to application, this service will be charged for as a single rate element, consisting of both a nonrecurring charge and a monthly recurring rate.

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MISCELLANEOUS SERVICES (cont.)DATA ACCESS SERVICE (cont.)

## C. Regulations (cont.)

The Telephone Company will make preliminary tests at no charge to the customer to determine if Data Access Service would be beneficial. If no physical conditioning or rearrangement of facilities will benefit the customer, there will be no charge to the customer.

The rates and charges for Data Access Service are in addition to the rates and charges for a Local Exchange Service dial tone line as specified in other sections of this Tariff.

When a customer cancels an order for Data Access Service after the engineering and installation have been started, the nonrecurring charge specified below shall apply.

## D. Rates

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Data Access Service, per line arranged	\$ 3.00	\$ 165.00



MISCELLANEOUS SERVICE (cont'd)

"900" Information Service Blocking

1. General

Where central office facilities permit, "900" Information Service Blocking provides customers the capability to block origination of direct dialed calls to a "900" Information Service Number (900-NXX-XXXX).

2. Regulations

- a. Blocking is available on individual lines for residence and business customers.
- b. When the blocking is activated, direct dialed calls to all "900" Service numbers are blocked.
- c. Initial blocking is provided at no charge upon customer request. Subsequent requests for "900" Information Services Blocking will be provided at the rates listed below.
- d. Blocking can be provided on a Foreign Exchange access line.
- e. Blocking service may not be available with certain multi-line business arrangements.
- f. There is no charge to remove "900" Information Service Blocking.

3. Rates

"900" Information Service Blocking

Service Charges

Residence (per line)

Initial Request	No Charge
Subsequent Request	\$ 15.00

Business

Initial Request	No Charge
Subsequent Request, per order	\$ 15.00
Per Line/Trunk Equipped	\$ 15.00

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MISCELLANEOUS SERVICES (Continued)

Pennsylvania Telecommunications Relay Service

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1. General

The Pennsylvania Telecommunications Relay Service is a relay telecommunication service for the deaf, hearing and/or speech disabled population of the Commonwealth. The service permits telephone communications between deaf, hearing, and/or speech disabled individuals who must use a Text Telephone and individuals with normal hearing and speech as provided in the AT&T Communications of Pennsylvania, Inc. Tariff PA P.U.C. No. 183.

2. Surcharge

In addition to the charges provided in this tariff and other intrastate toll tariffs in which this Company concurs, a surcharge will apply to all residence and business access lines served by this Company. This surcharge applies regardless of whether or not the access line uses the Pennsylvania Telecommunications Relay Service.

This surcharge serves as the funding vehicle for the operation of the Pennsylvania Telecommunications Relay Service, and shall be calculated by the Pennsylvania Public Utility Commission (the Commission). The Commission shall compute the Pennsylvania Telecommunications Relay Service Surcharge each year and notify local exchange carriers of the surcharge amount to be applied for the twelve month period commencing with July 1 of each year.

The Commission may revise the surcharge more frequently than annually at its discretion.

Tariff revisions will be filed whenever the Commission calculates a new surcharge amount and notifies the Company.

The following surcharge rates apply to all bills issued on or after August 1, 2021.

Per residence access line, per month	\$ .04	(D)
Per business access line, per month	\$ .04	(D)

Centrex lines will be charged on an equivalency basis as determined by the Commission.

(C) Indicates Change  
(D) Indicates Decrease

MISCELLANEOUS SERVICES (continued)Pennsylvania Telecommunications Relay Service (Continued)3. Rates

Local calls will be charged at the applicable local flat rate or local measured service rate, except for calls originating from Pay Telephones, which shall be completed free of charge. All intraLATA toll calls, placed through the Pennsylvania Telecommunications Relay Service will be rated according to the Rates Applicable On Messages Place by Certified Speech and/or Hearing Disabled rates in the Company's IntraLATA Toll Tariff, PA P.U.C. No. 187.

The Company will make available to the Telecommunications Relay Service (TRS) user either a calling card or a prepaid debit card. The rates for either option will not exceed those that would apply to identical calls for non-TRS users of coin-sent-paid service.

Please refer to the appropriate Interexchange Carrier tariff for interstate charges.

MISCELLANEOUS SERVICES (continued)Enhanced 911 ServiceA. GENERAL

Enhanced 911 Service, also referred to as E911 Service, is a telephone exchange communication service whereby a Public Safety Answering Point (PSAP), designated by the customer, may receive and answer telephone calls placed by dialing the number 911.

B. TERMS AND CONDITIONS

1. All 911 calls from a specified central office designation must be accepted by the 911 Public Safety Answering Point (PSAP).
2. The PSAP operator is responsible for the dispatch of police, fire ambulance or any other emergency services personnel summoned by the party seeking assistance.
3. E911 Service information consisting of the name, address and telephone numbers of telephone subscribers whose listings are not published in directories or listed in directory assistance offices is confidential and the customer agrees to use such information only for the purpose of responding to emergency E911 Service calls.
4. Any party residing within the serving area of the E911 Service forfeits the privacy afforded by non-listed and non-published service to the extent that the customer's name, telephone number and address associated with the originating station location are furnished to the PSAP.
5. The Telephone Company shall not be liable for any loss or damages arising from errors, interruptions, defects, failures or malfunctions of E911 service. The Telephone Company's liability and obligation to furnish E911 service are limited as set forth in Section 1 of this Tariff and the Public Safety Emergency Telephone Act of the Commonwealth of Pennsylvania.

MISCELLANEOUS SERVICESEnhanced 911 Service (cont'd)C. DESCRIPTIONBasic E911 Features

1. **Enhanced 911 Service Trunk** - Trunks that connect at the End Central Office, where the 911 call originates, and at the Control Central Office.
2. **Automatic Location Identification(ALI) Maintenance** - The ALI feature will forward the name and address associated with the telephone number from which the call originated to the Public Safety Answering Point for display on associated customer premises equipment. The nonrecurring charge will cover the initial loading of the Company access lines and the monthly charge will cover the daily maintenance of the ALI database.
3. **Automatic Number Identification** - A feature by which the telephone number from which the call originated is forwarded to compatible customer premises equipment.

Optional E911 Features

4. **Control Central Office** - A telephone company switching unit equipped to perform the routing of 911 calls and to terminate 911 dedicated trunks from a central office and/or a Public Safety Answering Point. Includes manual/fixed/selective transfer arrangements and Selective Routing capability.
5. **Enhanced 911 Service Facility Group** - This nonrecurring charge covers the process where the E911 trunks of the various local exchange carriers within the defined serving area are terminated at the Control Central Office of the designated central office providing E911 services to a particular PSAP.

MISCELLANEOUS SERVICESEnhanced 911 Service (cont'd)C. DESCRIPTION (cont'd)

6. **Public Safety Answering Point Receiving Automatic Location Identification (ALI) Information** - The Telephone Company charge for providing the ALI from all customer records to the Controller at the Public Safety Answering Point.
7. **Selective Routing/Transfer** - The Telephone Company charge for providing the Selective Routing/Transfer of 911 calls to the appropriate county PSAP.
8. a) **Automatic Call Distribution (ACD)** - Automatic Call Distribution is a service which provides fair distribution of queued calls to available call answering positions of the customer; i.e. Agent positions served by the system.
- b) **Management Information System (MIS)** - Management Information System is a service that generates both real-time and historical reports on agent and group performance.

MISCELLANEOUS SERVICESEnhanced 911 Service (cont'd)D. RATES

<u>Services</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rates</u>
Basic Features:		
1. Enhanced 911, Service Trunk (1) rate per trunk, per central office	\$ 135.00	\$ 11.00
2. Automatic Location Identification Maintenance (2) per 1,000 data entries	2,050.00	30.00
3. Automatic Number Identification	0	0
Optional Features:		
4. Control Central Office	3,000.00	3,622.00
5. Enhanced 911 Service Facility Group rate per facility group, per central office	325.00	-----
6. Public Safety Answering Point receiving Automatic Location Information.	3,000.00	708.00
7. Selective Routing/ Transfer (3) per 1,000 data entries.	430.00	.75

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MISCELLANEOUS SERVICESEnhanced 911 Service (cont'd)D. RATES (cont'd)

<u>Services</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rates</u>
Optional Features (cont'd):		
8. Automatic Call Distribution		
ACD Service per agent position	\$ 150.00	\$ 133.50
Management Information System per ACD System	200.00	267.00

Notes:

- (1) This rate is in addition to rates for dedicated Private Line Service Channels as specified in Section 6 of this Tariff.
- (2) These charges apply only for data entries associated with D and E service areas. The nonrecurring charge will only apply on the initial data loading of the company access line information.
- (3) The data entry count is rounded upward to the nearest 1,000, and is based upon the number of access lines in the 911 serving area. The nonrecurring charge will only apply on the initial data loading of the counties access lines.



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MISCELLANEOUS SERVICES (cont'd)

VACATION RATE SERVICE

Upon request from a customer, service will be suspended for a period of not less than one month, nor more than twelve (12) months in a period for a charge equivalent to one half the rate for local service, mileage and listings, other than foreign listings. More than one suspension may be permitted during any calendar year, provided at least one month's full service charges are paid between each period of suspension.

No outward or inward service is provided during the period of suspension. Calling card or third number long distance charges may not be charged to a number that is on temporary suspension or vacation rates.

Service charges will not be applied for the suspension or restoration of service.

The Telephone Company assumes no responsibility to intercept calls and provide information on inward calls.

(C)

(C)

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MISCELLANEOUS SERVICES (cont'd)911 TARIFF LANGUAGE

## 1. GLOSSARY OF TERMS

Host Telephone Company: The service provider, which is also the telecommunications public utility that provides 9-1-1 service to the county/municipality, and that houses the Automatic Location Identification (ALI)/MSAG data used for providing 9-1-1 service.

Telephone Company: A telecommunications public utility regulated by the Pennsylvania Public Utility Commission and which has or requests access to the county/municipality 9-1-1 system or connection to the serving selective router, including, but not limited to, local exchange carriers and competitive local exchange carriers. This term is synonymous with 'service provider'.

Content: The data elements of the MSAG including (but not necessarily limited to) the data elements that are entered into the following fields A-I of a standard MSAG record:

- A. Tax area record
- B. Locality
- C. Street
- D. Thoroughfare
- E. Directional [where required]
- F. Even (E), odd (O), or all (A) [applied to house numbers]
- G. Low-high range of house numbers
- H. PSAP (Public Safety Answering Point)
- I. LAT/LONG (Latitude/Longitude) [where required]

Formatting, Format: Shall include changes to the identity of fields, order of fields, and number and arrangement of data elements in each field, and a telephone company's rearrangement or regrouping of such data, without changing the MSAG content, for purposes of validating against MSAG records.

## 2. REGULATIONS

- A. The Telephone Company will comply with the Protocols as set forth in, and in the form of, Service Provider E-9-1-1 Protocols, Service Provider E-9-1-1 Questionnaire and Testing Procedures in accordance with the Petition of Bell Atlantic-Pennsylvania, Inc. for a Declaratory Order (MSAG); Docket No. P-00971203; Settlement Agreement of all Parties and Joint Petition entered August 7, 1998.
- B. The Telephone Company is indemnified under the Public Safety Emergency Telephone Act, Act 78 of 1990.
- C. The Telephone Company's liability and insurance provisions are fully stated in PA P.U.C. No. 18, Section 1, General Regulations.
- D. Cases of Service interruptions affecting public health and safety shall receive priority attention under any and all conditions, particularly in time of disaster. Every appropriate resource will be utilized. The service provider will make reasonable best efforts to have its system fully functional as soon as possible, unless conditions beyond the service provider's control prevent service restoration.

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MISCELLANEOUS SERVICES (cont'd)911 TARIFF LANGUAGE (Cont'd.)

## 2. REGULATIONS (cont'd)

- E. The service provider will not use the county's/municipality's MSAG for any purpose that is not directly related to and required for the provision of 9-1-1 service.
- F. The Host Telephone Company will install the county's/municipality's MSAG in 'read/write' format and will not modify the content of the MSAG unless requested or permitted to do so by the county/municipality. A request to modify content by the Host Telephone Company shall be responded to by the county/municipality within (10) business days or the request is deemed to be approved. The request shall be in writing and shall set forth in reasonable detail the proposed modification and all reasons in support. The request shall be granted provided the modification is necessary for the Host Telephone Company's provision, maintenance, or upgrading of the 9-1-1 service.
- G. The Telephone Company shall not otherwise modify the content of the MSAG, but may make formatting changes approved by the county/municipality necessary to enable the MSAG to conform to the telephone company's information system(s). The request shall be in writing and shall set forth in reasonable detail the formatting changes and all reasons in support. The county/municipality shall respond to the request in ten (10) business days or the request is deemed to be approved. The request shall be granted provided the formatting change does not impair the integrity and accuracy of the MSAG database. For the purposes of this regulation, a content or formatting change does not include the use of the MSAG content in telephone companies' operational support systems to validate customer information for input to the ALI database.
- H. The service provider will not sell, lease, rent, loan or provide, or transfer the county's/municipality's MSAG to any other person(s) or entity(ies) without the express written authorization of the county's/municipality's 9-1-1 coordinator, or his or her designee.
- I. The Telephone Company will not, without the written consent of the county/municipality, modify or create any derivative of the county's/municipality's MSAG, except as follows: one (1) mirror image copy of the MSAG may be made in electronic form for archival purposes (the copy may be made in read/write format by the host telephone company, but shall be made solely in read-only format by all other telephone companies), and the telephone company may make a mirror image copy, solely in read-only format and only for database reconciliation, address verification for new connections of service, and other functions that are necessary to ensure that the name and address information provided by the service provider to the county/municipality is accurate and conforms to the county's/municipality's MSAG format.

MISCELLANEOUS SERVICES (cont'd.)

## DUPLICATE COPIES OF MONTHLY TELEPHONE BILLS

A. DESCRIPTION

Duplicate Copies of Monthly Telephone Bills is a service that allows customers to request and receive duplicative copies of prior period and current period bills. Requests for Duplicate Copies of Monthly Telephone Bills are only accepted from the customer whose name appears on the bill (the customer of record) and will only be mailed to the name and address on the bill. The only exceptions to this requirement will be when the Company receives a legal notice/order to provide bill copies to a person other than the customer of record. Customers who request duplicate copies of monthly bills will be provided copies of the entire bill. Customers who request a duplicate copy of their current month's bill will be provided one copy at no charge. Customers who request additional duplicate copies of their current period bill will be charged for those duplicate copies. Customers who request duplicate copies of their prior period bills will be charged for all duplicate copies.

B. CHARGES

Residential / Business

\$12.50 per bill, plus \$0.16 per page

RESERVED FOR FUTURE USE

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PAY TELEPHONE LINE SERVICEA. GENERAL

1. Pay Telephone Line exchange service is one-party exchange service for use by pay telephone providers, location owners and interexchange carriers and is furnished solely for connection with coin, coinless, or combination coin/coinless pay telephone equipment to the Telephone Company's network.
2. Pay Telephone Line Service:
  - a. Is available in all exchanges of the Company; foreign exchange service is available to these lines.
  - b. Provides for one listing in the white pages and one listing in the yellow pages of the Telephone Company directory for each Pay Telephone Line furnished. However, Non-published Number Service or Non-Listed Number Service at no charge are also available to Pay Telephone Line customers.
  - c. Only one coin-operated or coinless public access telephone unit may be connected to each Pay Telephone Line.
  - d. Will be provided on a dial-tone-first basis to enable end users to dial certain calls without requiring coin deposits, i.e., all emergency calls, telecommunications relay service calls, and non-sent paid calls.
  - e. Service will be provided on a two-way basis, except lines for which a specific exemption has been granted by the Pennsylvania Public Utility Commission.
  - f. The pay telephone provider is responsible for meeting all federal, state and local statutes with respect to provision of pay telephones in accordance with all hearing impaired and handicapped person requirements.
  - g. Temporary suspension of service (vacation service) is not available for Pay Telephone Line Service.
  - h. Pay telephones connected to a Pay Telephone Line must be registered in compliance with Part 68 of the FCC's rules
  - i. Each pay telephone connected to a Pay Telephone Line must be capable of providing user call completion to 911 Universal Emergency Service, if available. If 911 service is not available, the pay telephone must permit access to the operator.
  - j. Failure of the subscriber to comply with the provisions of this Tariff may result in the suspension or disconnection of the subscriber's service.

PAY TELEPHONE LINE SERVICE (cont.)B. REGULATIONS AND RATES

1. Pay Telephone Line Service is provided at the corresponding exchange's one-party business line rate as contained in the Telephone Company's Tariff, Section 3.
2. Where measured service is available in a given exchange, the business measured service rates apply to Pay Telephone Line Service.
3. Line Connection charges listed in Section 5 of this Tariff apply to Pay Telephone Line Service.
4. Directory assistance charges of \$0.75 per call apply to Pay Telephone Access Lines.
5. Pay Telephone Line Service customers will not be charged for non-published or non-listed telephone numbers. However, a non-recurring charge applies for each change of telephone number required to establish a non-published or non-listed number.
6. All subscribers to Pay Telephone Service shall have the right to select their presubscribed intraLATA toll provider at such time that intraLATA presubscription is available in the Company's service territory.
7. For Payphone Service Providers who enter into a PSP Term Pricing Agreement with the Company, PSP Subscriber shall be awarded a bill credit on a per line per month basis equal to the difference between the then tariffed Pay Telephone Line Service charge and the Pay Telephone Line Service charge applicable to PSP Subscriber as of November 30, 2001. Said discount will have the effect of "freezing" the Pay Telephone Line Service rate applicable to PSP Subscriber as of November 30, 2001, through the term of this Agreement or December 31, 2003. In addition, PSP Subscriber shall further be awarded a bill credit per line per month for optional PSP functions equal to the difference between the then tariffed Incoming/Outgoing Screening charge and \$.25, the difference between the then tariffed Incoming Blocking charge and \$.25, and the difference between the then tariffed Outgoing Blocking charge and \$.25, for each optional PSP function subscribed to on the account by PSP Subscriber.

PAY TELEPHONE LINE SERVICE (cont.)C. OPTIONAL FEATURES FOR PAY TELEPHONE SERVICE

1. Optional call screening/blocking/coin supervision functions, as listed below, are provided at the monthly rates stated. The non-recurring charges shown below do not apply to initial installations, but do apply to subsequent requests made by the customer.
  - a. Incoming/Outgoing Screening - prevents completion of collect or third number calls to the Pay Telephone Line. Originated operator-handled calls from the Pay Telephone Line are restricted to collect, third number or calling card only.
  - b. Incoming Blocking - blocks all incoming calls.
  - c. Outgoing blocking - restrict outgoing calls to non-sent paid call only (coinless).



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PAY TELEPHONE LINE SERVICE (cont.)C. OPTIONAL FEATURES FOR PAY TELEPHONE SERVICE (cont.)

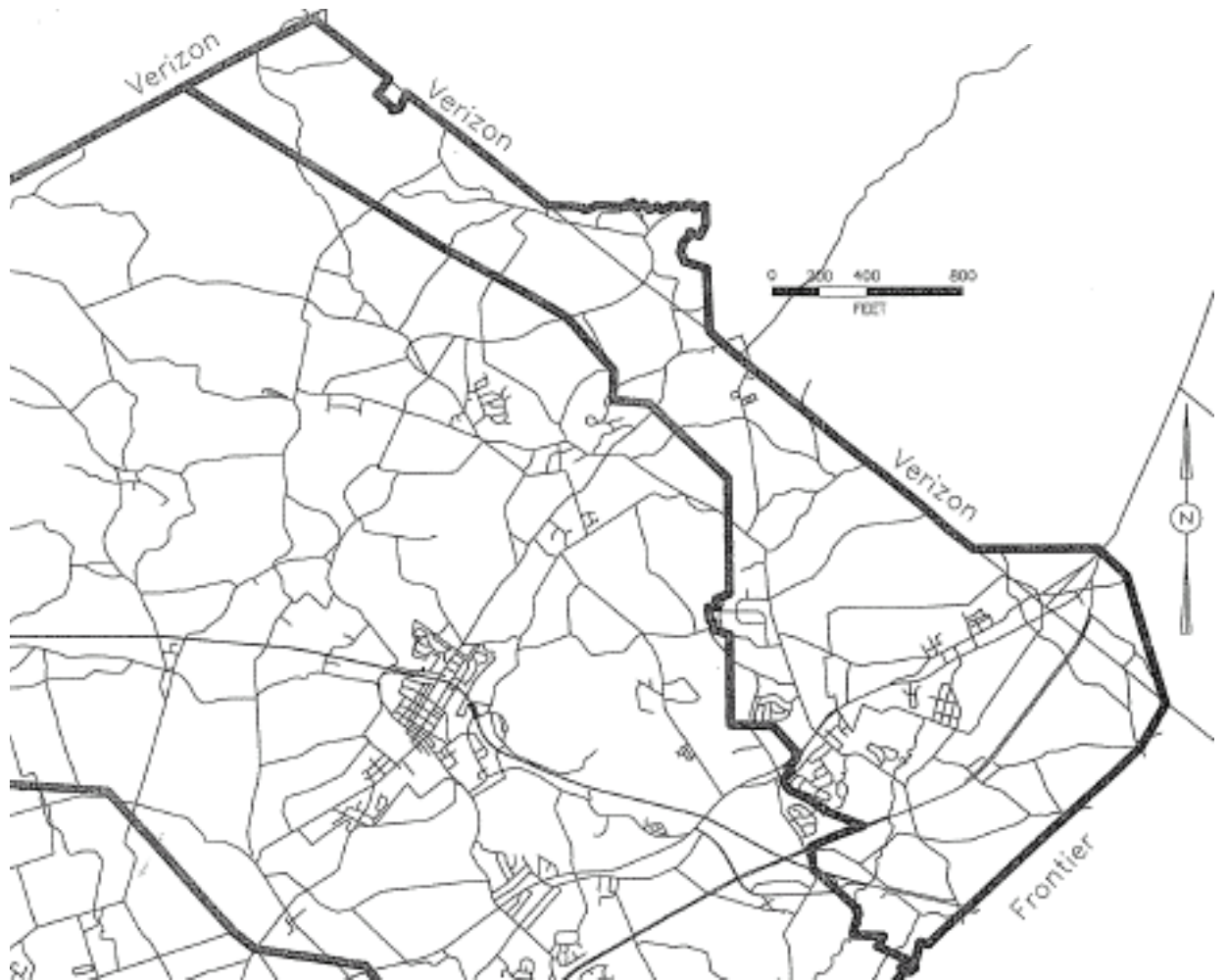
- d. Coin Supervision Additive - provides for the collection, return, recognition, announcements and pre-prompting for overtime; monitors signals from the pay telephone equipment to identify when and what denomination of coins are deposited; identifies the status of attempted calls and sends a signal to the pay telephone equipment to collect the appropriate coins when calls are completed, or returns coins when calls are not completed.


## 2. Rates:

	<u>Monthly</u>	<u>Non-recurring</u>
a. Incoming/Outgoing Screening	\$ 5.00	\$ 15.00
b. Incoming Blocking	\$ 3.00	\$15.00
c. Outgoing Blocking	\$ 3.00	\$15.00
d. Coin Supervision Additive	\$ 2.21	N/A

Map of Base Rate and Exchange Areas

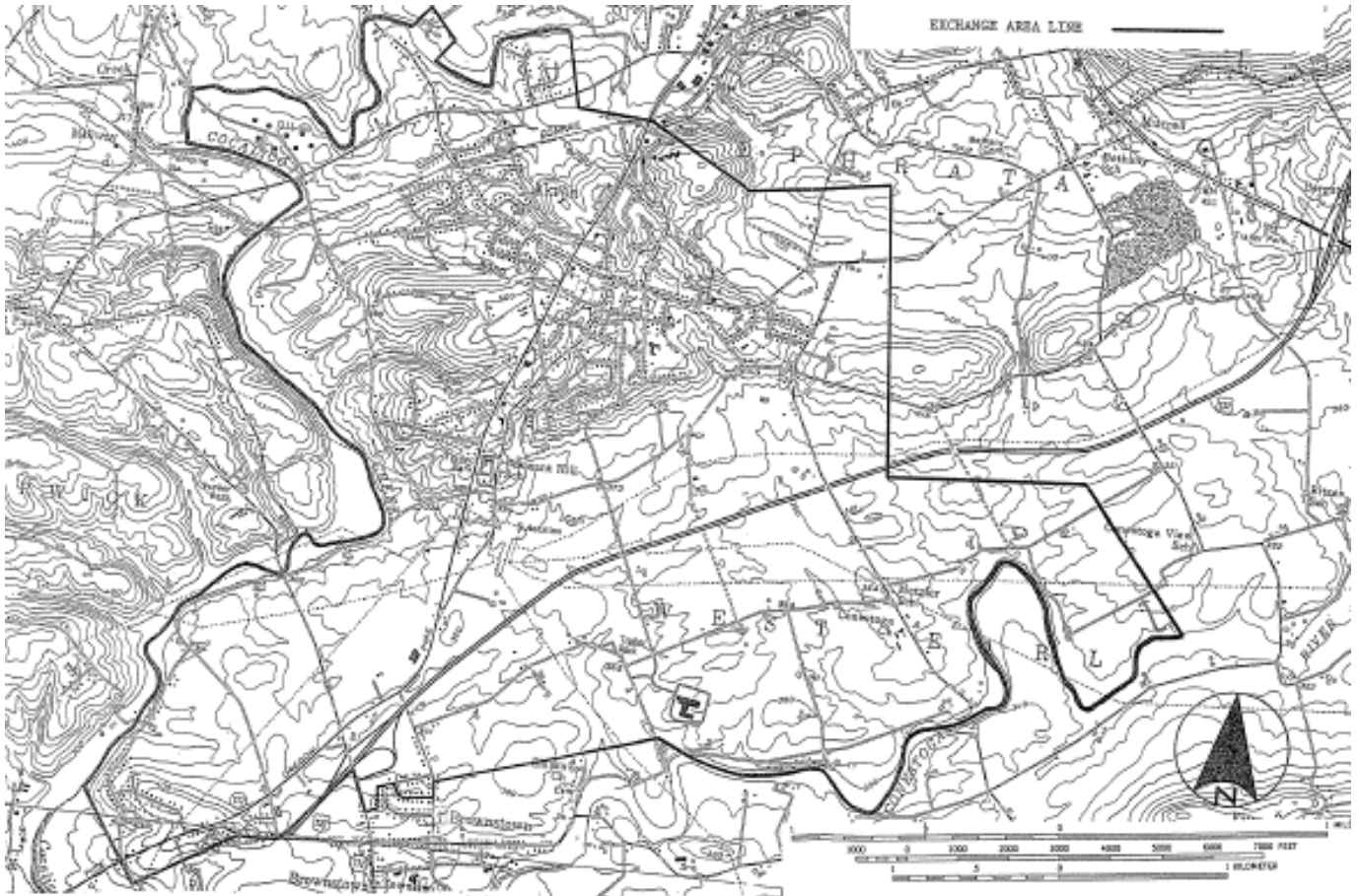
Exchange Area of Adamstown



Windstream D&E, Inc.  
ADAMSTOWN EXCHANGE AREA  
LEGEND  
EXCHANGE AREA LINE 

Map of Base Rate and Exchange Areas

Exchange Area of Akron



Map of Base Rate and Exchange Areas

Exchange Area of Denver



Windstream D&E, Inc.

DENVER EXCHANGE AREA

LEGEND

EXCHANGE AREA LINE 

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Map of Base Rate and Exchange Areas

Exchange Area of Ephrata



EPHRATA EXCHANGE AREA

Legend: ———

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Map of Base Rate and Exchange Areas

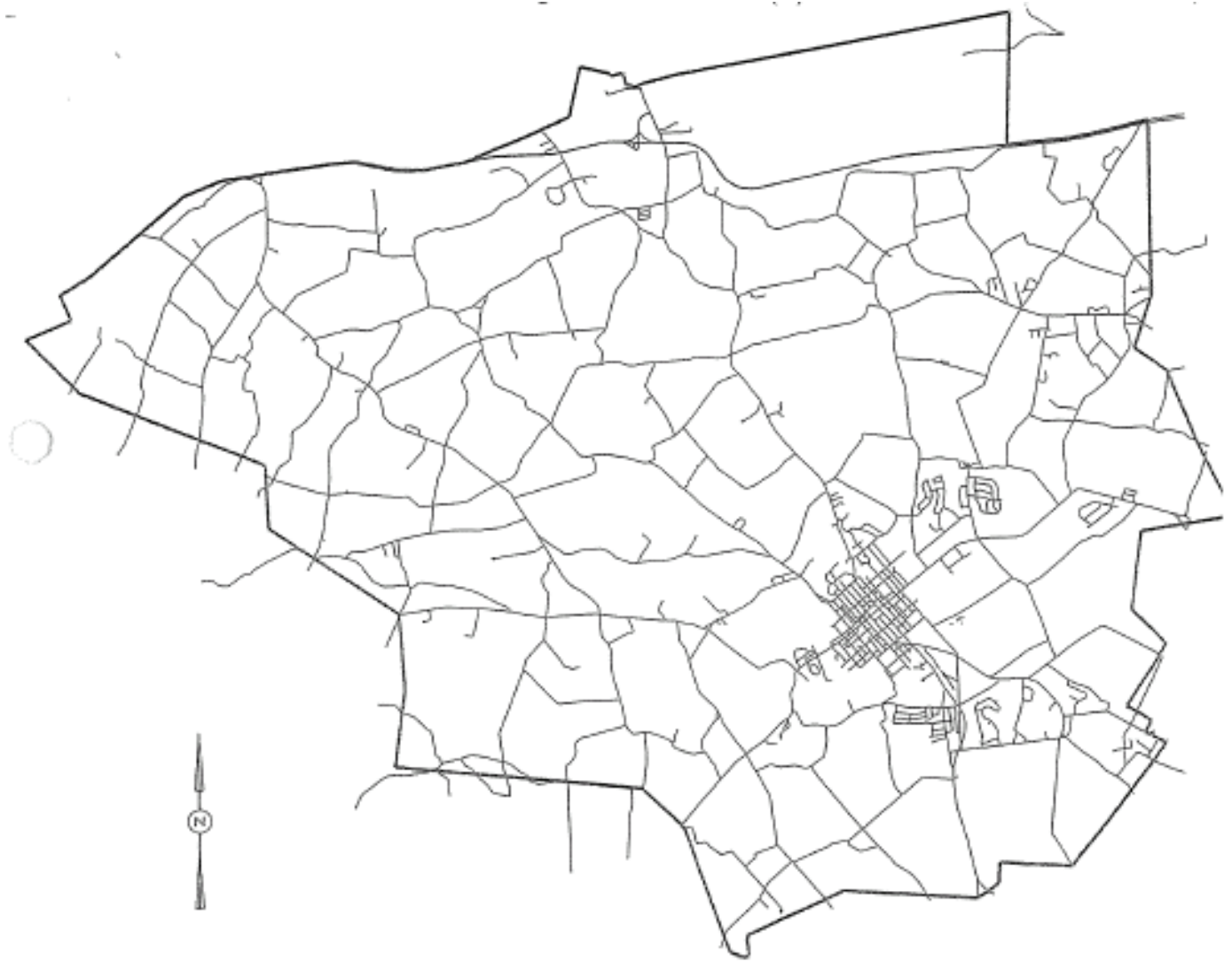
Exchange Area of Lititz



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Map of Base Rate and Exchange Areas

Exchange Area of Manheim



RESERVED FOR FUTURE USE



CONNECTION WITH CUSTOMER-PROVIDED EQUIPMENTGENERAL

- A. Equipment provided by the customer may be permitted to be connected to the facilities furnished by the Telephone Company only under conditions specified in this section of the Tariff.
- B. Where the use of any customer provided terminal equipment involves direct electrical connection to the facilities of the Telephone Company, such connection shall be made through a connecting device furnished and installed by the Telephone Company at charges specified in this tariff.
- C. The customer is not permitted to create additional channels from facilities provided by the Telephone Company, or to resell or share services with another party through extension of customer provided channels, or equipment, except as otherwise provided in this tariff.
- D. If customer provided equipment is used in violation of the provisions of this tariff, the Telephone Company will take such action as it deems necessary for the protection of the network.

After notification by the Telephone Company of such violation, the customer shall discontinue such use and confirm in writing to the Telephone Company within 10 days that such violation has ceased. Failure of the customer to conform to this requirement shall result in suspension of service.

LIMITATIONS OF RESPONSIBILITY OF THE TELEPHONE COMPANY

- A. The telecommunications network is not represented as being adapted to the use of customer-provided equipment or communications systems and the Telephone Company shall not be responsible for:
  - (1) The through transmission of signals generated by the customer-provided equipment or communications systems or for the quality of or defects in, such transmission;
  - (2) The reception of signals by the customer-provided equipment or communications systems.
- B. The Telephone Company shall not be responsible to the customer if changes in the criteria in this Tariff or changes in any of the facilities or operations or procedures of the Telephone Company render any of the customer-provided equipment or communications system obsolete or require modification of or alteration to such equipment or system or otherwise affect its use or performance.

CONNECTION WITH CUSTOMER - PROVIDED EQUIPMENT

OBLIGATIONS OF THE CUSTOMER

- A. The customer will at his expense:
1. Provide and install all wiring from point of connection with the Telephone Company facilities and make the actual connection with it as instructed by the Telephone Company personnel.
  2. Provide power to operate his equipment in conformity with Telephone Company specifications.
  3. Maintain his equipment so that it will operate within the standards set forth in this tariff and by testing, determine if trouble is being caused by his equipment before requesting maintenance service by the Telephone Company.
  4. Replace or modify his equipment, or disconnect and discontinue use of same, upon notice from the Telephone Company that it is obsolete or unusable because of changes in standards, facilities or operating procedures of the Telephone Company.
  5. Be responsible for payment of Premises Work Charges, as specified in Section 5, for visits to his premises by a Telephone Company employee when the visit is necessary to determine that the service difficulty or trouble is not being caused by Telephone Company equipment or facilities.
  6. The customer indemnifies and saves the Telephone Company harmless against claims for libel, slander, or infringement of copyright arising from the improper use of material transmitted over its facilities; against claims for infringement of patents arising from, combining with, or using in connection with facilities of the Telephone Company, apparatus or systems of the customer; and against all other claims arising out of any act or omission of the customer in connection with facilities provided by the Telephone Company.

NETWORK CONTROL SIGNALLING

Satisfactory performance of the telecommunications network requires continuing functional compatibility of the signals used to control the network and the switching equipment involved. Therefore, the network control signaling shall be performed by equipment furnished, installed and maintained by the Telephone Company.

CONNECTION WITH CUSTOMER-PROVIDED EQUIPMENT

BASIS OF CONNECTION

Customer provided equipment may be connected to the facilities of the Telephone Company either by direct electrical connection, as covered in Paragraph B-General Regulations above, or by acoustic or inductive connection.

NETWORK PROTECTION CRITERIA

To protect the network and services furnished to the public by the Telephone Company, the customer provided equipment must comply with minimum network protection criteria which shall be prescribed by the Telephone Company, or Telephone Companies with which this Company interconnect.

WIDE SPECTRUM SERVICESDESCRIPTION OF SERVICE

Services hereunder provide for non-reversible transmission ( in one direction only) of customer-provided signals in the Wide Spectrum within the frequency ranges of 3 to 300MHz, on a point-to-point or multiple point basis. Two types of wide spectrum services are furnished - (1) Distribution Service and (2) Point-to-Point Service.

- A. Distribution Service. This service provides for transmission and distribution of signals from a distribution point to the locations of premises designated by the customer within the Service Area specified in the Application for Service. Where one or more customer input points and the distribution point are not at the same physical location, they will be connected by a point-to-point service Wide Spectrum Link furnished by the Telephone Company at the rates specified under Rates and Charges.
- B. Point-to-Point Service. This service provides for transmission of signals from one input to one output point, the distance between which does not exceed 25 route miles, of the limitations of the plant equipment at the frequencies applied for.

When used in connection with Distribution Service, as described above, it provides for transmission from one input point to the distribution point and is designated a Wide Spectrum Link.

UNDERTAKING OF THE CARRIERS

The Telephone Company undertakes to provide for non-reversible transmission (one direction only) of customer-provided signals in the Wide Spectrum within the frequency ranges of 3 to 300 MHz on a point-to-point or multiple point basis.

The Telephone Company will provide and maintain all plant equipment necessary to render such service. The signals delivered by the Telephone Company will be of a quality comparable to that which is received from the customer. However, exact duplication is not guaranteed because such is not possible due to minor degradation inherent in available transmission media.

USE

Customers may use Wide Spectrum Services for any lawful purpose, provided such use does not constitute common carrier services which either the Pennsylvania Public Utility Commission or the Federal Communications Commission has determined to be subject to their jurisdiction and regulation; provided further, that such use is not for the purpose of collecting, transmitting or delivering communications for others.

WIDE SPECTRUM SERVICESUSE (cont'd)

Customer-provided signals must not result in interference with any of the services offered by the Telephone Company or interfere with others using services provided by the Telephone Company. The equipment and facilities of the customer which are connected with those of the Telephone Company shall be constructed, operated and maintained by the customer so as to work satisfactorily with the service furnished by the Telephone Company. Such equipment shall be suitable to avoid hazard or damage to Telephone Company plant equipment or of injury to Telephone Company employees or to the public because of the character or location of customer-provided equipment and of sources of power to which it is connected. In cases in which additional protection equipment is required to prevent hazard or damage as previously specified herein, this shall be provided by the customer or, at the option of the customer, by the Telephone Company at the customer's expense.

MINIMUM SERVICE PERIOD and MINIMUM SERVICE CHARGE

The minimum service period is one year, except where special construction is involved, in which case the minimum service period is ten years for the specially constructed portion. Each amendment to an application for service which provides for additional service shall establish a separate minimum service period beginning from the date billing begins for the service covered by that amendment.

- A. Where the minimum service period is one year, if service is terminated at the request of the customer prior to the end of the minimum service period, the customer shall pay the Telephone Company a minimum service charge which is an amount equal to the monthly charge applicable to the service for each month remaining in the minimum service period.
- B. Where the minimum service period is ten years, if service is terminated at the request of the customer prior to the end of the minimum service period, the customer shall pay the Telephone Company termination charges.

WIDE SPECTRUM SERVICESOBLIGATION OF THE CUSTOMER

A. The customer shall be responsible for:

- (1) delivering signals to the Telephone Company within the frequency range and signal level specified in the Application for Service;
- (2) damages to the plant equipment of the Telephone Company caused by the customer or his client;
- (3) reimbursing the Telephone Company for any loss through theft of Telephone Company plant equipment on the customer's or the customer's clients' premises;
- (4) the provision, without cost to the Telephone Company, of the power required to operate Telephone Company plant equipment installed on the premises of the customer or the customer's client;
- (5) preventing any client from extending the service beyond the client's own premises;
- (6) the provision of space and heating or cooling, conduit, electrical wiring and power outlets for safe operation of the Telephone Company plant equipment located on the premises of the customer (or the customer's client);
- (7) the provision, installation and maintenance of all plant equipment in explosive atmospheres;
- (8) obtaining permission for Telephone Company agents or employees to enter the premises of the customer's clients at any reasonable hour for the purpose of installing, inspecting, repairing, or removing the plant equipment of the Telephone Company;
- (9) making Telephone Company equipment available for routine maintenance purposes at a time agreeable to both the Telephone Company and the customer. No allowance will be made for the period during which the service is interrupted for such purposes. For all services, the facilities shall be available for such purposes at least once in every twenty-four hours;

WIDE SPECTRUM SERVICESOBLIGATIONS OF THE CUSTOMER (cont'd)

- (10) obtaining any necessary outside attachment privileges or means of entrance into client's premises for a service termination, and for obtaining space for mounting service termination equipment;
  - (11) interior wiring and equipment beyond each service termination;
  - (12) payment of all charges for services in accordance with this tariff.
- B. The customer may not rearrange or attempt to repair plant equipment installed by the Telephone Company or permit others to do so.

SPECIAL CONSTRUCTIONA. Scope

Rates and charges set forth in this tariff provide for furnishing service by means of plant equipment and arrangements selected by the Telephone Company. Special construction is involved where one or more of the following conditions are present:

- (1) The plant equipment to provide Wide Spectrum Services is not available and, at the request of the customer, the Telephone Company constructs such plant to provide the Wide Spectrum Service for the customer and there is no other foreseeable requirement for the plant so constructed.
- (2) At the request of the customer, the Telephone Company provides plant equipment of a type other than that which the Telephone Company would otherwise use in order to provide services for the customer.
- (3) In order to comply with requirements specified by the customer, construction by the Telephone Company involves a routing other than that which the Telephone Company would normally use in order to provide service to the customer.
- (4) At the request of the customer, the Telephone Company provides underground or buried plant equipment, unless underground or buried plant by the Telephone Company is required by law or is the normal method of construction by the Telephone Company in the Service Area.

WIDE SPECTRUM SERVICES

SPECIAL CONSTRUCTION (cont'd)

A. Scope (cont'd)

- (5) The plant equipment to provide Wide Spectrum Services is not available and, at the request of the customer, the Telephone Company expedites construction of such plant at greater expense than would otherwise be incurred.
- (6) Charges equal to the excess of the costs of the specially constructed plant equipment over the estimated costs of the plant equipment, and arrangements thereof, that would normally be utilized to provide Wide Spectrum Services apply.

RATES AND CHARGES

A. Distribution Service. Distribution services is furnished a monthly service.

(1)	6 MHz Spectrum units	Mo. Chg. each 1/4 mi. or fraction thereof <u>by route measurement</u>
	Single Non-Adjacent Spectrum Unit .....	\$ 3.00
	Two Adjacent Spectrum Units .....	6.00
	Three Adjacent Spectrum Units .....	8.25
	Four Adjacent Spectrum Units .....	10.50
	Five Adjacent Spectrum Units .....	12.00
	Six Adjacent Spectrum Units .....	13.50
	Next three Adjacent Spectrum Units, each .....	.50
	Additional Adjacent Spectrum Units, each ....	.25
	Additional Non-Adjacent Spectrum Units, each ...	3.00
	Minimum charge for service between Distribution Point and Service Terminals	3.00

When more than five spectrum units are ordered in the Application for Service, two groups of adjacent spectrum units, which are not adjacent to each other, will be provided at the charges that would be applicable if all were, in fact, adjacent spectrum units.



WIDE SPECTRUM SERVICES

RATES AND CHARGES (cont'd)

A. Distribution Service (cont'd)

		Mo. Chg. ea. 1/4 mi. or fraction thereof, <u>route measurement</u>	
(2)	<u>200 KHz Spectrum Units</u>		
	Single Non-Adjacent Spectrum Unit	\$ 1.00	
	Two Adjacent Spectrum Units .....	1.50	
	Additional Adjacent Spectrum Units, each .....	.25	
	Additional Non-Adjacent Spectrum Units, each .....	1.00	
	Minimum charges for service between Distribution Point and Service Terminals	3.00	
(3)	<u>Service Terminals</u>		
		<u>Mo. Chg.</u>	<u>Installation</u>
(a)	<u>6 MHz Spectrum Unit</u>	<u>Ea. Premise</u>	<u>Charge #</u>
	First Spectrum Unit or group of adjacent Spectrum Units.	\$ .75	\$ 5.00*
	Additional non-adjacent Spec- trum Units or non-adjacent group(s) of adjacent Spectrum units, each .....	\$ .50	

When more than five spectrum units are ordered in the applications for service, two groups of adjacent spectrum units, which groups are not adjacent to each other, will be provided at the charges that would be applicable if all were, in fact, adjacent spectrum units.

		<u>Mo. Chg.</u>	<u>Installation</u>
(b)	<u>200 KHz Spectrum Unit</u>	<u>Ea. Premise</u>	<u>Charge #</u>
	First Spectrum Unit ...	\$ .20	\$ 5.00*
	Additional Spectrum Units, all	.05	----
	Minimum Charge for Service ...	.40	----

\* \$5.00 when both 6 MHz spectrum unit and 200 KHz spectrum unit service terminals are installed as part of the first group of service terminals only one installation charge applies

(c)	<u>Reconnect or Move</u>		
	Reconnect or Move, same premises		\$ 5.00

# - In addition to non-recurring charges shown in Section 5.

WIDE SPECTRUM SERVICES

RATES AND CHARGES (cont'd)

B. Point to Point Service - Point-to-Point Service is furnished as a monthly service.

(1)	6 MHz Spectrum Units	Mo. Chg. ea. 1/4 mi. or fraction thereof, <u>by route measurement</u>
	<u>Single Non-Adjacent Spectrum Unit .....</u>	\$ 3.00
	Two Adjacent Spectrum Units .....	6.00
	Three Adjacent Spectrum Units .....	8.25
	Four Adjacent Spectrum Units .....	10.25
	Five Adjacent Spectrum Units .....	12.00
	Six Adjacent Spectrum Units .....	13.50
	Additional Adjacent Spectrum Units, each	.50
	Additional Non-Adjacent Spectrum Units, each ....	3.00
	Minimum Charge for Service .....	3.00

When more than five spectrum units are ordered in the Application for Service, two groups of adjacent spectrum units which groups are not adjacent to each other will be provided at the charges that would be applicable if all were, in fact, adjacent spectrum units.

(2)	200 KHz Spectrum Units	Mo. Chg. each 1/4 mi. or fraction thereof, <u>by route measurement</u>
	<u>Single Non-Adjacent Spectrum Unit.....</u>	\$ 1.00
	Two Adjacent Spectrum .....	1.50
	Additional Adjacent Spectrum Units .....	.25
	Additional Non-Adjacent Spectrum Units, each ...	1.00
	Minimum Charge for Service .....	3.00

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DE CENTREX SERVICE

DE Centrex Service consists of switching equipment, located on Telephone Company premises, interconnected with customer-provided stations on the customer's premises to provide intercommunication among the stations and station access to the exchange network. This service offering requires special central office equipment and is provided only in the following exchanges where such central office equipment is available: Adamstown, Akron, Denver, Ephrata, Lititz and Manheim.

A. GLOSSARY OF TERMSAccount Codes

A station user can enter a cost accounting or client billing code into their SMDR system.

Attendant Camp-On

This feature permits attendant completed calls to busy station to be placed in a waiting (camp on) condition. When the station becomes idle, it is automatically rung and connected to the waiting call.

Attendant Recall

A call that has been extended by a system attendant is automatically returned to an attendant after a specified time period if the caller receives a busy signal or no answer.

Attendant Services

This feature enables the system to provide uniform Attendant Access Code to every station user within a customer group (maximum of eight 8 subgroups numbered zero 0 through seven 7). During the regular working hours, calls from stations are directed to the attendant by dialing the assigned subgroup number (usually 0).

Attendant Speed Call

This feature permits an attendant to dial frequently called numbers by depressing a speed call key and dialing a one or two digit code.

Attendant Transfer

This feature enables an attendant to call and speak to another attendant and/or to transfer a call to another attendant.

Authorization Codes

An authorization code is a specific set of digits assigned to and used by a station user.

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DE CENTREX SERVICE (cont.)A. GLOSSARY OF TERMS (cont.)Automatic Identification of Outward Dialing

This feature provides for automatic number identification of the calling station on all completed outgoing long distance calls.

Automatic Line

When this feature is assigned, going off hook causes a connection to be made to a predetermined location with no pulsing required (often called a hotline).

Busy Verification - Station/Trunks

This feature permits the attendant to verify the condition of a station line or trunk within the customer's group as to its busy idle, or out-order state. It allows the attendant to establish a talking connection with any apparently busy trunk, special service access line, or station line to verify that they are busy and in working order. Busy Verification Tone will be provided to the interrupted parties and repeated for as long as the attendant is connected.

Call Forwarding

Allows a station user to forward calls to another telephone number within the customer's system, the local calling area or a foreign exchange. Long distance rates apply where applicable.

Provides electronic digital switching service for intercommunication purposes and for connection through the local and long distance telephone network, and will be furnished where central office equipment and adequate outside plant facilities are available.

Call Park and Retrieve

Allows a station user to "park" or hold one call by a switchhook flash and a code, and can be retrieved from any station by dialing the appropriate code and the directory number against which the call is parked.

Call Pick-Up

Allows a station user to answer calls that come into other stations within an assigned Call Pick-Up, by a code.

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DE CENTREX SERVICE (cont.)A. GLOSSARY OF TERMS (cont.)Call Waiting

Informs a station user who is engaged in a phone call, that a second call is waiting by a tone. The user can put the first call on hold and answer the call waiting by a switchhook flash, and alternate between calls by a switchhook flash.

Class of Service Restriction

The Class of Service (COS) feature defines the specific features available to individual stations and attendants within a customer group. Access restrictions are divided into origination restrictions, terminating restriction, and feature restriction. The maximum number of COS per customer group is 256.

Consultation Hold

In conjunction with call transfer, this permits the transferring party to talk privately with the destination before transferring the call.

Dictation Access

The feature provides station access to customer provided dictation recording equipment by dialing an access code.

Direct Inward Dialing

Allows incoming calls to reach a station without attendant assistance, by dialing the directory number of the station.

Direct Outward Dialing

Allows a station user to dial outgoing calls by an access code, waiting for a second dial tone, and dialing the desired outside numbers, subject to class of service restrictions.

Distinctive Ringing

Identifies certain call types by applying a distinctive ringing cadence to calls terminating on Centrex stations in the customer group.

Foreign Exchange Lines & WATS

Lines from a Central Office other than the customers serving Central Office and Wide Area Telephone Service terminating in the customer's system.

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DE CENTREX SERVICE ( cont.)A. GLOSSARY OF TERMS (cont.)Hold

Allows a station user to place a call on hold by a switchhook flash, keying a code, giving a busy tone and then silence. Then the user hangs up. Every 15 seconds a short burst of ringing will occur as a reminder of the call on hold. The user can be reconnected to the call by picking up the receiver. A user can place another call while holding a call, by a switchhook flash, dial tone, and placing the second call. If a second call results as a busy signal, the user can return to the first call by two switchhook flashes. If the second call goes through, when finished, hang up and the original call will ring shortly afterwards.

Intercommunication

Any station calling any other station in the customer's system.

Last Number Redial

Allows a station user via a code, to automatically dial the last number dialed from that station.

Line Hunting

When a number in the hunt group is dialed, the hunting starts with the first line in the hunt group and ends at the last. The lines are hunted sequentially, and the call is completed to the first idle line in the hunt group.

Lockout

If the lockout and telephone feature is enabled, an attendant may not re-enter a call on a held loop unless either recalled by station user or upon automatic attendant recall.

Meet Me Conference (3-Way)

A station user may set up a conference call for a specified time with the Meet-Me Conference feature. The assigned Meet-Me Conference directory number for the conferees is dialed at the designated time. Each conferee is automatically added to the conference when the Meet-Me Conference number is dialed. As conferees are added, all conferees, including the new arrival, will receive a confirmation tone to indicate that a party has been added.

DE CENTREX SERVICE (cont.)A. GLOSSARY OF TERMS (cont.)Multiple Console Operation

More than one console can be operated by the same customer. Usually due to the number of telephones in the customer group or maybe answering consoles, or group answering consoles within the customer's main station group.

Multiple Listed Directory Numbers

More than one Listed Directory Number (LDN) may be made available to provide access to the attendant of any one customer group.

Paging Access

Permits attendants and station users to have access to loudspeaker paging equipment by dialing an appropriate access code.

Ring Again

Used to automatically ring back a station user who dialed an extension, got a busy signal, and activated ring again.

This is done by doing a switchhook flash, and keying a code. The station user gets a tone and hangs up. When the dialed extension becomes idle the originating station user's telephone will ring; that user picks up the receiver and it rings the station called.

Secrecy

The feature allows the attendant to talk to a called party (destination) without the calling party (source) hearing the conversation.

Serial Call

If a calling party wishes to speak to more than one station the attendant can hold the trunk circuit on the console loop key. The attendant observes the lamps of the loop key to know when the calling party is ready to extend the next call. When the called party has hung up, the calling party is ready for the next connection to be established by the attendant.

Station Controlled Conference

This feature permits 500/2500 Stations (POTS) to establish a conference call consisting of more than three parties without the assistance of the attendant.

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DE CENTREX SERVICE (cont.)A. GLOSSARY OF TERMS (cont.)Station Line

A main station line is the primary or first termination of a Centrex line to which a particular Centrex Line number is assigned. A bridged line termination is an additional termination of a station assigned to the same station line number.

Station Speed Calling

A station user can assign telephone numbers a one or two digit code by a programming function via a code. From that point on, the digit code is dialed, and the assigned number is automatically dialed. There is no provision for a pause, and only 15 digits can be programmed to a code.

Station to Station Calling

A station user can complete calls within the customer's system by dialing the station number.

Switched Loop Operation

Allows for the attendant position to be released from a call after the connection between the switching equipment and the called station has been established.

System Speed Calling

This feature allows a customer to define a list of network speed calling numbers. These numbers will be assigned when service is installed. They will be available to all telephones within the customer group, and accessed by dialing pre-assigned codes.

Through Dialing

This feature permits the attendant to select the trunk facility for the station and "pass dial tone" to the station user. The station user then dials his called number. This feature is usually used as a manual over-ride of outgoing station restrictions.

Transfer (3-Way)

Allows a station user to transfer incoming calls to another station within the customer's system by a switchhook flash, dialing the desired station number, announcing the call and hanging up.

Two-Way Splitting

This feature permits the attendant to talk privately to either the called party or calling party. The attendant can alternate between the source or destination as required.

Uniform Numbering Plan

Provides uniform numbering to every station within a business group.



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DE CENTREX SERVICE (cont.)B. GENERAL REGULATIONS

1. Class of Service; Minimum Subscription; Suspension  
De Centrex Service is offered only as one-party business service.  
  
The minimum subscription to DE Centrex Service is two (2) main station lines.  
  
Suspension of DE Centrex Service at the customer's request is not available.
2. Operating; Power and Space  
All operating at the customer's premises is performed at the expense of the customer.  
  
All power and suitable space required on the customer's premises for attendant and station equipment associated with DE Centrex Service is provided by the customer, at his expense.
3. Compatibility  
  
Customer premises attendant and station equipment must be compatible with DE Centrex Service.
4. Centrex Line Connection Charges  
A nonrecurring Connection Charge applies for arranging a Centrex station line between the Telephone Company central office and the rate demarcation point at the customer's premises.  
  
The installation and maintenance of inside wire and customer premises equipment is the responsibility of the customer.
5. Station Line Charges  
The Basic Service portion or the Intercommunication portion of Centrex Station Lines are not offered separately.  
  
The total number of station lines within a Centrex system are priced at the same rate.  
  
The station line rate applies to bridged station lines at premises other than the premises of the associated main station line.

DE CENTREX SERVICE (cont.)B. General Regulations (cont.)6. Inter-Exchange Extension Mileage Charges

Private Line Service Type 2012 Channel charges, as shown in Section 6 of this Tariff, apply to Centrex station lines in exchanges other than that which houses the main switching equipment.

7. Centrex End User Access Charges

Centrex CO End User Access Charges specified in the Exchange Carrier Association Tariff F.C.C. No. 1 apply, per main station line and off premises bridged main station line, in addition to the monthly rates shown in C.2 following.

8. Directory Listings

One free directory listing is provided with all Centrex systems. A note following the main service listing may be provided without additional charge calling attention to the fact that stations may be dialed directly if the number is known. Additional directory listings may be furnished at the charges set forth in Section 10 of this tariff.

9. Permissible Interconnections

Station and tie lines connected with a Centrex system and extending to the premises of another customer may not be connected for exchange service. Calls over such lines also may not be connected to other station or tie lines which extend to the premises of another customer.

10. Contract Period

The contract period for DE Centrex Service including common equipment and main station lines is three years. If a Centrex system is disconnected or moved within a contract period, termination charges will apply as specified in B.11 following.

DE CENTREX SERVICE (cont.)B. GENERAL REGULATIONS (cont.)11. Termination Charges

When a Centrex system is disconnected or moved to a location in a different exchange within the contract period, termination charges will apply, as follows:

- Fifty percent (50%) of the Centrex service monthly rates for common equipment and main station lines in effect at the time the system is disconnected or moved is used to compute the termination charges due for the remainder of the contract period.

When a Centrex system is moved to a location within the same exchange within the contract period, the following options apply:

- The contract may be terminated, with applicable termination charges as specified in the paragraph above; or
- The contract may remain in effect, with the payment of associated relocation costs, as determined by the Telephone Company.

When the number of station lines are increased within a contract period, the additional station lines will be included in the original contract date and will be subject to the same contract termination charges.

12. Other Charges

Charges specified in this or other sections of this Tariff, as appropriate, apply for other telecommunications services used in conjunction with DE Centrex Service.

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DE CENTREX SERVICE (cont.)C. BASIC CENTREX OFFERINGS1. Basic Features - Basic De Centrex Service consists of the following features:

- Attendant Service (1)
- Automatic Identification of Outward Dialing
- Automatic Line
- Call Forwarding
  - All Calls
  - Busy
  - No Answer
- Call Park and Retrieve (1)
- Call Pick-Up
- Call Waiting
- Class of Service Restriction
- Consultation Hold
- Direct Inward Dialing (DID)
- Direct Outward Dialing (DOD)
- Distinctive Ringing
- Hold
- Hunting
- Last Number Re-Dial (1)
- Push Button Dialing
- Ring Again (1)
- Station to Station Calling
- System Speed Calling
- Three Way Conference Transfer
  - 3 Way Conference
  - Call Transfer Incoming Calls
  - Call Transfer Outgoing Calls
  - Call Transfer - All Calls
- Uniform Numbering Plan Capability

(1) Not available in the Denver and Manheim exchanges due to equipment limitations.

DE CENTREX SERVICE (cont.)C. BASIC CENTREX OFFERINGS (cont.)2. RatesMONTHLY RATE

<u>STATION LINES</u>	<u>COMMON EQUIP</u>	<u>BASIC SERVICE*</u>	<u>INTER- COMMUNICATION*</u>
2-10	\$25.00	\$5.00 each	\$10.00 each
11-25	30.00	4.00	8.00
26-50	40.00	3.00	6.00
51-100	50.00	2.50	5.00
100 Plus	75.00	2.00	5.00

\* Basic Service and Intercommunication Charges are per line, per premise.

NONRECURRING CONNECTION CHARGE

<u>STATION LINES</u>	<u>COMMON EQUIP.</u>	<u>LINES</u>
2-10	\$300.00	\$45.00 each
11-25	350.00	45.00
26-50	450.00	45.00
51-100	550.00	45.00
100 Plus	750.00	45.00

DE CENTREX SERVICE (cont.)

D. OPTIONAL CENTREX OFFERINGS

1. Enhanced Features I Package used with Attendant Console (s) (3)

Nonrecurring Connection Charge - \$575.00

Monthly Rate - \$25.00

Attendant Camp-On	Multiple Console
Attendant Recall	Operation
Attendant Speed Calling	Multiple Listed
Attendant Transfer	Directory Numbers
Busy Verification	Secrecy
Call Park and Retrieve	Serial Call
Lockout	Switched Loop Operation
	Through Dialing
	Two-Way Splitting

<u>2. Optional Features</u>	<u>Nonrecurring Connection Charge (1)</u>	<u>Monthly Rate</u>
Account Codes (3)	\$15.00	\$3.00
Authorization Codes (3)	15.00	3.00
Dictation Access	15.00	5.00
Foreign Exchanges, WATS & TIE Lines (2)(3)	50.00	25.00
Loud Speaker/Radio		
Paging Access	15.00	7.50
Meet Me Conference (3)	15.00	10.00
PBX Trunk Termination (3)	15.00	5.00
Station Controlled		
Conference (3)	15.00	10.00
Station Speed Calling		
8 Per List	5.00	1.00
8 Control Station	--	1.00
Ea. Add'l Station	--	.50
30 Per List	10.00	2.00
30 Control Station	--	2.00
Ea. Add'l Station	--	1.00

Notes:

- (1) Applies at the time of installation. Subsequently, the Feature Processing Charge applies as specified in Paragraph E following.
- (2) In addition to all other Tariff charges.
- (3) Not available in the Denver and Manheim exchanges due to equipment limitations.

DE CENTREX SERVICE (cont.)E. FEATURE PROCESSING CHARGE

A Feature Processing Charge applies for each service order required to execute a customer's request for any change; i.e. add, drop, change or rearrange features of existing Centrex lines.

	<u>Nonrecurring Charge</u>
Change 6 or less appearances of features on a service order	\$ 50.00
Change more than 6 appearances of features on a service order	100.00

In addition to the Feature Processing Charge, a charge of \$1.00 per line applies for changing the appearances of existing lines in a Centrex System, at the customer's request.

A change of line appearance includes:

- Changes in telephone numbers
- Changes from one pattern of restriction to another
- Change unrestricted to restricted or vice versa
- Changes in hunting arrangements
- Adding features
- Dropping features
- Changing features
- Any combination thereof when the work is performed at the same time on the same line.