

CTC EXCHANGE SERVICES, INC.

REGULATIONS AND SCHEDULE OF INTRASTATE CHARGES
APPLYING TO COMMUNICATIONS SERVICES WITHIN
THE STATE OF SOUTH CAROLINA

Issued: SEPTEMBER 10, 1999

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CTC EXCHANGE SERVICES, INC.
P.O. BOX 227
CONCORD, NC 28026-0227

TABLE OF CONTENTS

INDEX

SECTION 1 - APPLICATION OF TARIFF

SECTION 2 - GENERAL RULES AND REGULATIONS

SECTION 3 - CONNECTION CHARGES

SECTION 4 - SUPPLEMENTAL SERVICES

SECTION 5 - NETWORK SWITCHED SERVICES

SECTION 6 - PRIVATE LINE SERVICE

SECTION 7 - SPECIAL ARRANGEMENTS

SECTION 8 - 911 SERVICE

SECTION 9 - EXPLANATION OF TERMS

SECTION 10 - TELECOMMUNICATIONS RELAY SERVICE

(N)

RATE SCHEDULES

EXPLANATION OF NOTES

- (C) Indicates Changed Regulation
- (D) Indicates Discontinued Rate or Regulation
- (I) Indicates Rate Increase
- (M) Indicates Move in Location of Text
- (N) Indicates New Rate or Regulation
- (R) Indicates Rate Reduction
- (T) Indicates Change of Text Only

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INDEX

	Section	Page
<u>911 (Emergency Reporting Services)</u>	8	1
A		
<u>Access to Customer's Premises</u>	2	11
<u>Application of Tariff</u>	1	2
<u>Application of Rates</u>	2	13
<u>Automatic Recall</u>	4	13
<u>Automatic Redial</u>	4	13
<u>Availability</u>	1	2
B		
<u>Basic Business Line Service</u>	5	8
<u>Blocking Service</u>	4	9
<u>Business Network Switched Service</u>	5	6
<u>Busy Verification</u>	4	6

INDEX (Cont'd)

C

	Section	Page
<u>Changes - Telephone Number</u>	2	12
<u>Charges Associated with Premises Visit</u>	3	4
<u>Charges for Service - Responsibility for</u>	2	8
<u>Connection Charges</u>	3	2
<u>Customer Originated Trace</u>	4	16
<u>Customer Provided Equipment, Liability for</u>	2	4
<u>Customized Number Service</u>	4	11

INDEX (Cont'd)

	Section	Page
<u>Deposits</u>	2	8
<u>Deposits - Business</u>	2	12
<u>Directory Assistance Service</u>	4	7
<u>Directory Listings</u>	4	20
<u>Dishonored Checks</u>	2	12

E

<u>Explanation of Terms</u>	9	1
-----------------------------------	---	---

F

<u>Features</u>	4	13
<u>Flat Rate Service</u>	5	4

G

<u>General Rules and Regulations</u>	2	1
--	---	---

H

(Reserved for future use)

INDEX (Cont'd)

I

	Section	Page
<u>Individual Case Basis (ICB) Arrangements</u>	7	3
<u>Interrupt Service</u>	4	6

J

(Reserved for future use)

K

(Reserved for future use)

INDEX (Cont'd)

L

	Section	Page
<u>Late Payment Charges</u>	2	11
<u>Limitations on Liability</u>	2	4
<u>Local Calling Areas</u>	8	2
<u>Local Operator Service</u>	4	8

M

<u>Minimum Period of Service</u>	2	7
<u>Moves, Adds and Changes</u>	3	3

N

<u>Nonpayment-Suspension or Termination</u>	2	11
<u>Non-Routine Installation and/or Maintenance</u>	7	3

O

<u>Obligation of Company</u>	2	3
------------------------------------	---	---

INDEX (Cont'd)

P

	Section	Page
<u>Payment of Charges</u>	2	10
<u>Payment for Services Rendered</u>	2	8
<u>PBX Trunk Service</u>	5	9
<u>Primary Interexchange Carrier (PIC) Change Charge</u>	3	5
<u>Private Line Service</u>	6	1
<u>Promotional Trials</u>	4	4

R

<u>Regular Multiline Hunting</u>	4	17
<u>Remote Call Forwarding</u>	4	17
<u>Responsibility for All Charges</u>	2	8
<u>Restoral Charge</u>	3	3
<u>Return Check Charge</u>	2	11

INDEX (Cont'd)

S

	Section	Page
<u>Service Territory</u>	1	2
<u>Service Trial</u>	4	4
<u>Service and Promotional Trials</u>	4	4
<u>Special Arrangements</u>	7	1
<u>Special Construction</u>	7	2
<u>Supplemental Services</u>	4	1
<u>Surcharges</u>	2	11
<u>Suspension or Termination of Service</u>	2	12

T

<u>Telecommunications Relay Service</u>	10	1	(N)
<u>Telephone Number Changes, Business</u>	2		12
<u>Telephone Surcharges</u>	2		11
<u>Termination Liability for Special Construction</u>	7		3
<u>Termination of Service</u>	2		12
<u>Terms - Explanation of</u>	9		1
<u>Trouble Isolation Charge</u>	3		4

INDEX (Cont'd)

U

	Section	Page
<u>Use and Ownership of Equipment</u>	2	5
<u>Use of Facilities and Services</u>	2	3
<u>Use of Facilities of Other Companies</u>	2	4
<u>Use of Service</u>	2	5

V

(Reserved for future use)

W

(Reserved for future use)

CONTENTS

Section 1 – APPLICATION OF TARIFF

	Page
1.1 <u>Application of Tariff</u>	2
1.1.1 Service Territory	2
1.1.2 Availability.....	2

Section 1 – APPLICATION OF TARIFF

1.1 Application of Tariff

This Tariff sets forth the regulations and rates applicable to services provided by **CTC EXCHANGE SERVICES, INC.** as follows:

The furnishing of intrastate communications services by virtue of one-way and/or two-way information transmission between points within the State of South Carolina.

1.1.1 Service Territory

CTC EXCHANGE SERVICES, INC. will provide service in the areas where interconnection agreements have been signed with the incumbent local exchange carrier.

SERVICE AREAS

1.1.2 Availability

Service is available where facilities and Public Service Commission of South Carolina regulations permit.

CONTENTS

Section 2 - GENERAL RULES AND REGULATIONS

	Page
2.1 <u>Use of Facilities and Services</u>	3
2.1.1 Obligation of Company	3
2.1.2 Limitations on Liability.....	4
2.1.3 Use of Service.....	5
2.1.4 Use and Ownership of Equipment	5
2.1.5 Directory Errors.....	5
2.2 <u>Minimum Period of Service</u>	7
2.3 <u>Payment for Services Rendered</u>	8
2.3.1 Responsibility for All Charges.....	8
2.3.2 Deposits.....	8
2.3.3 Payment of Charges.....	10
2.3.4 Return Check Charge.....	11
2.3.5 Late Payment Charges.....	11
2.4 <u>Access to Customer's Premises</u>	11
2.5 <u>Telephone Surcharges</u>	11
2.5.1 General.....	11
2.6 <u>Suspension or Termination of Service</u>	12
2.6.1 Suspension or Termination for Nonpayment.....	12

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CTC EXCHANGE SERVICES, INC.
P.O. BOX 227
CONCORD, NC 28026-0227

CONTENTS (Cont'd)

Section 2 - GENERAL RULES AND REGULATIONS (Cont'd)

	Page
2.7 <u>Additional Provisions Applicable To Business Customers</u>	12
2.7.1 Telephone Number Changes	12
2.7.2 Deposits.....	12
2.7.3 Dishonored Checks.....	12

Section 2 - GENERAL RULES AND REGULATIONS

2.1 USE OF FACILITIES AND SERVICE

2.1.1 Obligation of the Company

In furnishing facilities and service, the Company does not undertake to transmit messages, but furnishes the use of its facilities to its customers for communications.

The Company's obligation to furnish facilities and service is dependent upon its ability (a) to secure and retain, without unreasonable expense, suitable facilities and rights for the construction and maintenance of the necessary circuits and equipment; (b) to secure and retain, without unreasonable expense, suitable space for its plant and facilities in the building where service is or will be provided to the customer; or (c) to secure reimbursement of all costs where the owner or operator of a building demands relocation or rearrangement of plant and facilities used in providing service therein.

The Company shall not be required to furnish, or continue to furnish, facilities or service where the circumstances are such that the proposed use of the facilities or service would tend to adversely affect the Company's plant, property or service.

The Company reserves the right to refuse an application for service made by a present or former customer who is indebted to the Company for service previously rendered pursuant to this Tariff until the indebtedness is satisfied.

Section 2 - GENERAL RULES AND REGULATIONS (Cont'd)

2.1 USE OF FACILITIES AND SERVICE (Cont'd)

2.1.2 Limitations on Liability

a. Indemnification by Customer

The customer and any authorized or joint users, jointly and together shall indemnify, defend and hold the Company harmless against claims, loss, damage, expense (including attorneys' fees and court costs) for libel, slander, or infringement of copyright arising from the material transmitted over its facilities; against claims for infringement of patents arising from combining with, or using in connection with, facilities of the Company, equipment and 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 Company or the customer. In the event any such infringing use is enjoined, the customer, authorized user or joint user at its option and expense, shall obtain immediately a dismissal or stay of such injunction, obtain a license or other agreement so as to extinguish any claim of infringement, or terminate the claimed infringing use or modify such infringement.

b. Customer-Provided Equipment

The service and facilities furnished by the Company are subject to the following limitations: the Company shall not be liable for damage arising out of mistakes, omissions, interruptions, delays, errors or defects in transmission or other injury, including but not limited to injuries to persons or property from voltages or currents transmitted over the facilities of the Company caused by customer-provided equipment or premises wire.

c. Use of Facilities of Other Companies

When the facilities of other companies are used in establishing a connection, the Company is not liable for any act, error, omission, or interruption caused by the other company or their agents or employees. This includes the provision of a signaling system database by another company.

Section 2 - GENERAL RULES AND REGULATIONS (Cont'd)

2.1 USE OF FACILITIES AND SERVICE (Cont'd)

2.1.3 Use Of Service

Any service provided under this Tariff may be resold to or shared (jointly used) with other persons at the customer's option. The customer remains solely responsible for all use of service ordered by it or billed to its telephone number(s) pursuant to this Tariff, for determining who is authorized to use its service, and for promptly notifying the Company of any unauthorized use. The customer may advise its customers that a portion of its service is provided by the Company, but the customer shall not represent that the Company jointly participates with the customer in the provision of the service.

2.1.4 Use and Ownership of Equipment

The Company's equipment, apparatus, channels and lines shall be carefully used. Equipment furnished by the Company shall remain its property and shall be returned to the Company whenever requested, within a reasonable period following the request, in good condition, reasonable wear and tear accepted. The customer is required to reimburse the Company for any loss of, or damage to, the facilities or equipment on the customer's premises, including loss or damage caused by agents, employees or independent contractors of the customer through any negligence.

2.1.5 Directory Errors

In the absence of gross negligence or willful misconduct and except for the allowances stated below, no liability for damages arising from errors or mistakes in or omissions of directory listings, or errors or mistakes in or omissions of listings obtainable from the directory assistance operator, including errors in the reporting thereof, shall attach to the Company. The Company depends on interconnection agreements with incumbent local exchange carriers to provide directory services and will assume no liability for actions, errors or mistakes of the other parties involved in providing directory services which is beyond the Company's direct control.

An allowance for errors or mistakes in or omissions of published directory listings or for errors or mistakes in or omissions of listings obtainable from the directory assistance operator shall be given as follows:

- a. Free Listings: For free or no-charge published directory listings, credit shall be given at the rate of two times the monthly tariff rate for an additional or charge listing for each individual, auxiliary or party line, PBX trunk affected, for the life of the directory or the charge period during which the error, mistake or omission occurs.

Section 2 - GENERAL RULES AND REGULATIONS (Cont'd)

2.1 USE OF FACILITIES AND SERVICE (Cont'd)

2.1.5 Directory Errors

- b. Charge Listings: For additional or charge published directory listings, credit shall be given at the monthly tariff rate for each such listing for the life of the directory or the charge period during which the error, mistake or omission occurs.
- c. Operator records: For free or charge listings obtainable from records used by the directory assistance operator, upon notification to the Company of the error, mistake or omission in such records by the subscriber, the Company shall be allowed a period of three business days to make a correction. If the correction is not made in that time, credit shall be given at the rate of 2/30ths of the basic monthly rate for the line or lines in question for each day thereafter that the records remain uncorrected.
- d. Credit limitation: The total amount of the credit provided for the preceding paragraphs 1, 2, and 3 shall not exceed, on a monthly basis, the total of the charges for each charge listing plus the basic monthly rate, as specified in paragraph 3, for the line or lines in question.
- e. Definitions: As used in Paragraphs 1, 2, 3, and 4 above, the terms "error," "mistake" or "omission" shall refer to a discrepancy in the directory listing or directory assistance records which the Company has failed to correct and where the error affects the ability to locate a particular subscriber's correct telephone number. The terms shall refer to addresses only to the extent that an error, mistake or omission of an address places the subscriber on an incorrect street or in an incorrect community.
- f. Notice: Such allowances or credits as specified in Paragraphs 1, 2, and 3 above, shall be given upon notice to the Company by the subscriber that such error, mistake or omission has occurred; provided, however, that when it is administratively feasible for the Company to have knowledge of such error, mistake or omission, the Company shall give credit without the requirement of notification by the subscribers.

Section 2 - GENERAL RULES AND REGULATIONS (Cont'd)

2.2 MINIMUM PERIOD OF SERVICE

The minimum period of service is one month except as otherwise provided in this Tariff. The customer must pay the regular tariffed rate for the service they subscribe to for the minimum period of service. If a customer disconnects service before the end of the minimum service period, that customer is responsible for paying the regular rates for the remainder of the minimum service period. When the service is moved within the same building, to another building on the same premises, or to a different premises entirely, the period of service at each location is accumulated to calculate if the customer has met the minimum period of service obligation.

If service is terminated before the end of the minimum period of service as a result of condemnation of property, damage to property requiring the premises to be abandoned, or by the death of the customer, the customer is not obligated to pay for service for the remainder of the minimum period.

If service is switched over to a new customer at the same premises after the first month's service, the minimum period of service requirements are assigned to the new customer if the new customer agrees in writing to accept them. For facilities not taken over by the new customer, the original customer is responsible for the remaining payment for the minimum service period in accordance with the terms under which the service was originally furnished.

Section 2 - GENERAL RULES AND REGULATIONS (Cont'd)

2.3 PAYMENT FOR SERVICE RENDERED

2.3.1 Responsibility for All Charges

Any applicant for facilities or service may be required to sign an application form requesting the Company to furnish the facilities or service in accordance with the rates, charges, rules and regulations from time to time in force and effect. The customer is responsible for all local and toll calls originating from the customer's premises and for all calls charged to the customer's line where any person answering the customer's line agrees to accept such charge.

2.3.2 Deposits

Subject to special provisions as may be set forth below and in Sections 2.7 and 2.8 of this Tariff, any applicant or customer whose financial responsibility is not established to the satisfaction of the Company may be required to deposit a sum up to an amount equal to the total of the estimated local service for up to two months for the facilities and service. If the minimum period of service for the requested facilities and service is more than one month, as specified in this Tariff, the customer may also be required to deposit a sum up to an amount equal to the total charges for service for the minimum service period less any connection charge paid by the customer.

The fact that a deposit has been made shall in no way relieve the applicant or customer from complying with the Tariff regulations for the prompt payment of bills on presentation.

Each applicant from whom a deposit is collected will be given a certificate of deposit and circular containing the terms and conditions applicable to deposits, in accordance with the Rules and Regulations of the *Commission* pertaining to customer deposits.

Section 2 - GENERAL RULES AND REGULATIONS (Cont'd)

2.3 PAYMENT FOR SERVICE RENDERED (Cont'd)

2.3.2 Deposits (Cont'd)

a. Interest on Deposits

Simple interest at the rate specified by the *South Carolina Public Service Commission* shall be credited or paid to the customer while the Company holds the deposit.

b. Inadequate Deposit

If the amount of a deposit is proven to be less than required to meet the requirements specified above, the customer shall be required to pay an additional deposit upon request.

c. Return of Deposit

When a deposit is to be returned, the customer may request that the full amount of the deposit be issued by check. If the customer requests that the full amount be credited to amounts owed the Company, the Company will process the transaction on the billing date and apply the deposit to any amount currently owed to the Company, and return any remaining amount of the deposit to the customer by check.

Section 2 - GENERAL RULES AND REGULATIONS (Cont'd)

2.3 PAYMENT FOR SERVICE RENDERED (Cont'd)

2.3.3 Payment of Charges

Charges for facilities and service, other than usage charges, are due monthly in advance. All other charges are payable upon request of the Company. Bills are due on the due date shown on the bill and are payable at any business office of the Company, by U.S. Mail, or at any location designated by the Company. If objection is not received by the Company within three months after the bill is rendered, the items and charges appearing thereon shall be determined to be correct and binding upon the customer. A bill will not be deemed correct and binding upon the customer if the Company has records on the basis of which an objection may be considered, or if the customer has in his or her possession such Company records. If objection results in a refund to the customer, such refund will be with interest at the greater of the unadjusted customer deposit rate or the applicable late payment rate, if any, for the service classification under which the customer was billed. Interest will be paid from the date when the customer overpayment was made, adjusted for any changes in the deposit rate or late payment rate, compounded monthly, until the overpayment is refunded. Notwithstanding the foregoing, no interest will be paid by the Company on customer overpayments that are refunded within 30 days after the overpayment is received by the Company.

Where an objection to the bill involves a superseded service order, the items and charges appearing on the bill shall be deemed to be correct and binding upon the customer if objection is not received by the Company within two months after the bill is rendered.

2.3.4 Return Check Charge

When a check which has been presented to the Company by a customer in payment for charges is returned by the bank, the customer shall be responsible for the payment of a Returned Check Charge of \$25.00.

Section 2 - GENERAL RULES AND REGULATIONS (Cont'd)

2.3 PAYMENT FOR SERVICE RENDERED (Cont'd)

2.3.5 Late Payment Charges

- a. Customer bills for telephone service are due on the due date specified on the bill. A customer is in default unless payment is made on or before the due date specified on the bill. If payment is not received by the due date, a late payment charge of 1.5% will be applied to all amounts previously billed under this Tariff.
- b. Late payment charges do not apply to those portions (and only those portions) of unpaid balances that are associated with disputed amounts. Undisputed amounts on the same bill are subject to late payment charges if unpaid and carried forward to the next bill.
- c. Late payment charges do not apply to final accounts.

2.4 ACCESS TO CUSTOMER'S PREMISES

The customer shall be responsible for making arrangements or obtaining permission for safe and reasonable access for Company employees or agents of the Company to enter the premises of the customer or any joint user or customer of the customer at any reasonable hour for the purpose of inspecting, repairing, testing or removing any part of the Company's facilities.

2.5 TELEPHONE SURCHARGES

2.5.1 General

In addition to the rates and charges applicable according to the rules and regulations of this Tariff, various surcharges may apply to the customer's monthly bill statement.

2.6 SUSPENSION OR TERMINATION OF SERVICE

2.6.1 Suspension or Termination for Nonpayment

In the event that any bill rendered or any deposit required is not paid, the Company may suspend service or terminate service until the bill or the required deposit has been paid after a reasonable attempt to effect collection and after giving the customer written notice that he has five days in which to make settlement on his account or have his service disconnected. Service will be terminated only on Monday through Thursday between the hours of 8:00 AM and 4:00 PM unless provisions have been made to have someone available to accept payment and reconnect service. If service is suspended or terminated for nonpayment, the customer will be billed a Connection Charge as well as any payment due and any applicable deposits upon reconnection.

Section 2 - GENERAL RULES AND REGULATIONS (Cont'd)

2.7 ADDITIONAL PROVISIONS APPLICABLE TO BUSINESS CUSTOMERS

2.7.1 Telephone Number Changes

When a business customer requests a telephone number change, the referral period for the disconnected number is at least 180 days.

The Company reserves all rights to the telephone numbers assigned to any customer. The customer may order a Customized Number where facilities permit for an additional charge as specified in Section 4.6 of this Tariff.

When service in an existing location is continued for a new customer, the existing telephone number may be retained by the new customer only if the former customer consents in writing, and if all charges against the account are paid or assumed by the new customer.

2.7.2 Deposits

Deposits will be returned to a customer upon cancellation of service or after one year, whichever event occurs first, unless the customer is delinquent in payment, in which case the Company will continue to retain the deposit until the delinquency is satisfied. If a service is involuntarily discontinued, the deposit is applied against the final bill, and any balance is returned to the customer.

2.7.3 Dishonored Checks

If a customer who has received a notice of discontinuance pays the bill with a check that is subsequently dishonored, the account remains unpaid and the Company is not required to issue any additional notice before disconnecting service.

CONTENTS

Section 3 - CONNECTION CHARGES

	Page
3.1 Connection Charge	2
3.1.1 General	2
3.1.2 Exceptions to the Charge	2
3.1.3 Rates and Charges	2
3.2 Restoral Charge.....	3
3.3 Moves, Adds and Changes	3
3.4 Charges Associated with Premises Visit.....	4
3.4.1 Terms and Conditions	4
3.4.2 Trouble Isolation Charge	4
3.4.3 Rates and Charges	4
3.5 Primary Interexchange Carrier (PIC) Change Charge	5

Section 3 - CONNECTION CHARGES

3.1 CONNECTION CHARGE

3.1.1 General

The Connection Charge is a nonrecurring charge which applies to the following: (a) the installation of a new service; (b) the transfer of an existing service to a different location; (c) a change from one class of service to another at the same or a different location; or (d) restoral of service after suspension or termination for nonpayment. Connection Charges are listed with each service to which they apply.

3.1.2 Exceptions to the Charge

- a. The Company may from time to time waive or reduce the charge as part of a promotion. See Section 4.1.

3.1.3 Rates and Charges

The Connection Charge is contained in the Rate Schedule at the end of this tariff.

Section 3 - CONNECTION CHARGES (Cont'd)

3.2 RESTORAL CHARGE

A restoral charge applies each time a service is reconnected after suspension or termination for nonpayment but before cancellation of the service, as deemed in Section 1 of this Tariff. Restoral charges are found in the Rate Schedule at the end of this tariff.

3.3 MOVES, ADDS AND CHANGES

The Company alone may make changes in the location of its lines and equipment. When it is found that a move or change of such lines or equipment has been made by others, the Connection Charge for the underlying service will apply as if the work had been done by the Company.

The customer will be assessed a charge for any move, add or change of a Company service. Move, Add and Change are defined as follows:

- Move: The disconnection of existing equipment at one location and reconnection of the same equipment at a new location in the same building or in a different building on the same premises.
- Add: The addition of a vertical service to existing equipment and/or service at one location.
- Change: Change - including rearrangement or reclassification - of existing service at the same location.

The rates and charges for Moves, Adds and Changes are contained in the Rate Schedule at the end of this tariff.

Section 3 - CONNECTION CHARGES (Cont'd)

3.4 CHARGES ASSOCIATED WITH PREMISES VISIT

3.4.1 Terms and Conditions

The customer may request an estimate or a firm bid before ordering wire installation work to be done. When an estimate is provided, the estimate is not binding on the Company and the charge to be billed will be based on the actual time and materials charges incurred. When a firm bid is provided at customer request, the charge to be billed is the amount quoted to the customer for the work requested.

Inside Wire charges apply per service call when billable premises work is performed on noncomplex premises wire and jacks. Such charges are due and payable when billed.

Noncomplex wire, jacks and materials include:

- 2 to 6 pair inside wire
- Faceplates
- RJ11C, RJ14C, RJ11W and RJ14W type station jacks
- Staples, screws, nail, tape, connectors, etc.

3.4.2 Trouble Isolation Charge

When a visit to the customer's premises is necessary to isolate a problem reported to the Company but identified by the Company's technician as attributable to customer-provided equipment or inside wire, a separate charge applies in addition to all other charges for the visit.

3.4.3 Rates and Charges

Rates and charges associated with a premise visit are contained in the Rate Schedule at the end of this tariff.

Section 3 - CONNECTION CHARGES (Cont'd)

3.5 PRIMARY INTEREXCHANGE (PIC) CARRIER CHANGE CHARGE

Customers may be presubscribed to the carrier of their choice for both interLATA and intraLATA service. The customer will incur a charge each time there is a change in the long distance carrier associated with the customer's intraLATA or interLATA service after the initial installation of service.

The Primary Interexchange Carrier Change Charge is contained in the Rate Schedule at the end of this tariff.

CONTENTS

SECTION 4 - SUPPLEMENTAL SERVICES

	Page
4.1 Service and Promotional Trials	4
4.1.1 General	4
4.1.2 Regulations.....	4
4.2 Busy Verification and Interrupt Service.....	6
4.2.1 General	6
4.2.2 Rate Application	6
4.2.3 Rates	6
4.3 Directory Assistance Service.....	7
4.3.1 General	7
4.3.2 Regulations.....	7
4.3.3 Rates	7
4.4 Local Operator Service	8
4.5 Blocking Service	9
4.5.1 General	9
4.5.2 Regulations.....	9
4.5.3 Rates and Charges.....	10

CONTENTS

SECTION 4 - SUPPLEMENTAL SERVICES (Con'td)

	Page
4.6 Customized Number Service	11
4.6.1 General	11
4.6.2 Conditions	12
4.6.3 Rates	12
4.7 Miscellaneous Features	13
4.7.1 Anonymous Call Rejection	13
4.7.2 Automatic Recall	13
4.7.3 Automatic Redial	13
4.7.4 Call Forwarding	14
4.7.5 Caller ID.....	14
4.7.6 Distinctive Ringing.....	15
4.7.7 Call Waiting/Cancel Call Waiting	15
4.7.8 Call Waiting ID.....	16
4.7.9 Call Waiting ID with Name.....	16
4.7.10 Customer Originated Trace	16
4.7.11 Preferred Call Forwarding.....	17
4.7.12 Regular Multiline Hunting	17
4.7.13 Remote Call Forwarding	17
4.7.14 Selective Call Rejection	18
4.7.15 Speed Calling 8, Speed Calling 30.....	18
4.7.16 Three Way Calling	18
4.7.17 Message Waiting Indication.....	18
4.7.18 Connection Charges.....	19
4.7.19 Trial Period	19
4.7.20 Rates and Charges	19

CONTENTS

SECTION 4 - SUPPLEMENTAL SERVICES (Con'td)

	Page
4.8 Directory Listings	20
4.8.1 Provision of Directory Listings	20
4.8.2 Primary Directory Listings	20
4.8.3 Additional Directory Listings.....	22
4.8.4 Non-Published Number Service.....	24
4.8.5 Non-Listed Number Service.....	25
4.8.6 Liability for Directory Listing Service.....	26
4.8.7 Rates and Charges	26
4.8.8 Provision and Ownership of Directories.....	27

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.1 PROMOTIONAL TRIALS

4.1.1 General

The Company may establish temporary promotional programs wherein it may waive or reduce nonrecurring or recurring charges, to introduce a present or potential customer to a service not previously subscribed to by the customer.

4.1.2 Regulations

- a. Appropriate notification of the Trial will be made to all eligible customers and to the *South Carolina Public Service Commission*. Appropriate notification may include direct mail, bill inserts, broadcast or print media, direct contact or other comparable means of notification.
- b. The Company retains the right to limit the size and scope of a Promotional Trial.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.2 BUSY VERIFICATION AND INTERRUPT SERVICE

4.2.1 General

Upon request of a calling party, the Company will verify a busy condition on a called line. An operator will determine if the line is clear or in use and report to the calling party. In addition, the operator will intercept an existing call on the called line if the calling party indicates an emergency and requests interruption.

4.2.2 Rate Application

- a. A Verification Charge will apply when:
 - 1. The operator verifies that the line is busy with a call in progress, or
 - 2. The operator verifies that the line is available for incoming calls.
- b. Both a Verification Charge and an Interrupt Charge will apply when the operator verifies that a called number is busy with a call in progress and the customer requests interruption. The operator will interrupt the call advising the called party of the name of the calling party and the called party will determine whether to accept the interrupt call. Charges will apply whether or not the called party accepts the interruption.
- c. No charge will apply when the calling party advises that the call is from an official public emergency agency.

4.2.3 Rates

Rates and charges for Busy Verification and Interrupt Service are contained in the Rate Schedule at the end of this tariff.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.3 DIRECTORY ASSISTANCE SERVICE

4.3.1 General

A customer may obtain assistance, for a charge, in determining a telephone number by dialing Directory Assistance Service. A customer can also receive assistance by writing the Company with a list of names and addresses for which telephone numbers are desired.

4.3.2 Regulations

A Directory Assistance Charge applies for each telephone number, area code, and/or general information requested from the Directory Assistance operator except as follows:

- a. Requests in which the Directory Assistance operator provides an incorrect number. The customer must inform the Company of the error in order to receive credit.

4.3.3 Rates

The Directory Assistance Charge is contained in the Rate Schedule at the end of this tariff.

4.4 LOCAL OPERATOR SERVICE

Local calls may be completed or billed with the live or mechanical assistance by the Company's operator center. Calls may be billed collect to the called party, to an authorized 3rd party number, to the originating line, or to a valid authorized calling card. Local calls may be placed on a station to station basis or to a specified party (see Person to Person), or designated alternate. Usage charges for local operator assisted calls are those usage charges that would normally apply to the calling party's service. Where no local charge applies (flat rate service), an operator assistance charge applies to each call. The Local Operator Assistance charge is contained in the Rate Schedule at the end of this tariff.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.5 BLOCKING SERVICE

4.5.1 General

Blocking service is a feature that permits customers to restrict access from their telephone line to various discretionary services. The following blocking options are available to business customers:

- a. 900, 700 Blocking - allows the subscriber to block all calls beginning with the 900 and 700 prefixes (i.e. 900-XXX-XXXX) from being placed.
- b. 900, 971, 974, 540, 550, 396, 970, 976, 910, 920, & 700 Blocking - allows the subscriber to block all calls beginning with the above prefixes from being placed.

4.5.2 Regulations

- a. The Company will not be liable for any charge incurred when any long distance carrier or alternative operator service provider accepts third number billed or collect calls.
- b. Blocking Service is available where equipment and facilities permit.

4.5.3 Rates and Charges

- a. Recurring and Nonrecurring Charges

Rates and charges are contained in the Rate Schedule at the end of this tariff. The Blocking rates and charges are in addition to all other applicable rates and charges for the facilities furnished. The nonrecurring charge for initial request of one and two-line business customers is waived for 90 days from the customer's service establishment date.

- b. Pricing for Blocking Service for a business customer with more than 200 lines will be based on the costs incurred by Company to provide the service.
- c. Connection charges apply as specified in Section 3 of this tariff.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.6 CUSTOMIZED NUMBER SERVICE

4.6.1 General

- a. Customized Number Service allows a customer to order a specified telephone number rather than the next available number.
- b. Customized Number Service is furnished subject to the availability of facilities and requested telephone numbers.
- c. The Company will not be responsible for the manner in which Customized Numbers are used for marketing purposes by the customer.
- d. When a new customer assumes an existing service which includes Customized Number Service, the new customer may keep the Customized Number, at the tariffed rate, with the written consent of the Company and the former customer.
- e. The Company reserves and retains the right:
 1. To reject any request for specialized telephone numbers and to refuse requests for specialized telephone numbers;
 2. Of custody and administration of all telephone numbers, and to prohibit the assignment of the use of a telephone number by or from any customer to another, except as otherwise provided in this Tariff;
 3. To assign or withdraw and reassign telephone numbers in any exchange area as it deems necessary or appropriate in the conduct of its business.
 4. The limitation of liability provisions of this tariff in Section 2.1.1 are applicable to Customized Number Service.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.6 CUSTOMIZED NUMBER SERVICE (Cont'd)

4.6.2 Conditions

- a. Charges for Customized Number Service apply when a customer:
 - 1. Requests a telephone number other than the next available number from the assignment control list, and such requested number is placed into service within six months of the date of the request.
 - 2. Requests a number change from the customer's present number to a Customized Number.
- b. The Company shall not be liable to any customer for direct, indirect or consequential damages caused by a failure of service, change of number, or assignment of a requested number to another customer whether prior to or after the establishment of service. In no case shall the Company be liable to any person, firm or corporation for an amount greater than such person, firm or corporation has actually paid to the Company for Customized Number Service.

4.6.3 Rates

Rates and charges for Customized Number Service are contained in the Rate Schedule at the end of this tariff.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.7 MISCELLANEOUS FEATURES

4.7.1 Anonymous Call Rejection

Anonymous Call Rejection allows a customer with Calling Number Delivery to block any incoming call which does not come through with an identifiable name or number.

4.7.2 Automatic Recall

The Automatic Recall stores the number of the most recent incoming call (including unanswered incoming calls) to a customer's number. This allows a customer to dial back any missed or unanswered telephone calls.

4.7.3 Automatic Redial

The Automatic Redial feature allows a customer to automatically redial the last number dialed. This is accomplished by the customer activating a code. The network periodically tests the busy/free status of the called line for up to 30 minutes until both lines are found free and then redials the call for the customer.

The Automatic Redial feature also allows customers, having reached a busy number, to dial a code before hanging up. Automatic Redial feature then continues to try the busy number for up to 30 minutes until it becomes free. Once the busy line is free the call is automatically redialed and the customer is notified of the connected call via a distinctive ring.

The following types of calls cannot be Automatically Redialed:

- Calls to 800 Service numbers
- Calls to 900 Service numbers
- Calls preceded by an interexchange carrier access code
- International Direct Distance Dialed calls
- Calls to Directory Assistance
- Calls to 911

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.7 MISCELLANEOUS FEATURES (Cont'd)

4.7.4 Call Forwarding

Call Forwarding, when activated, redirects attempted terminating calls to another customer-specific line. The customer may have to activate and deactivate the forwarding function and specify the desired terminating telephone number during each activation procedure. Call originating ability is not affected by Call Forwarding.

The calling party is billed for the call to the called number. If the forwarded leg of the call is chargeable, the customer with the Call Forwarding is billed for the forwarded leg of the call.

Call Forwarding - Busy automatically reroutes an incoming call to a customer predesignated number when the called number is busy.

Call Forwarding - Don't Answer automatically reroutes an incoming call to a customer predesignated number when the called number does not answer within the number of rings programmed by the Company.

Call Forwarding - Variable allows the customer to choose to reroute incoming calls to another specified telephone number. The customer must activate and deactivate this feature.

4.7.5 Caller ID

The Caller ID feature allows a customer to see a caller's name and number previewed on a display screen before the call is answered allowing a customer to prioritize and or screen incoming calls. Caller ID records the name, number, date and time of each incoming call - including calls that aren't answered by the customer. Caller ID service requires the use of specialized CPE not provided by the company. It is the responsibility of the customer to provide the necessary CPE.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.7 MISCELLANEOUS FEATURES (Cont'd)

4.7.6 Distinctive Ringing

Distinctive Ringing provides a distinctive ringing pattern to the subscribing customer for up to six specific telephone numbers. The customer creates a screening list of up to six telephone numbers. When a call is received from one of the predetermined telephone numbers, the customer is alerted with a distinctive ringing pattern (short, long, short). Calls from telephone numbers not included on the screening list will produce a normal ring.

The screening list may be edited and revised at the customer's discretion.

If the customer subscribes to Call Waiting and a call is received from a telephone number on the Distinctive Ringing screening list while the line is in use, the Call Waiting tone will also be distinctive.

When a telephone number on the Distinctive Ringing screening list also appears on the Preferred Call Forwarding list, the Preferred Call Forwarding will take precedence. Likewise, when the same number is shown on the Call Block list, the call will be blocked.

A customer's line will not produce a distinctive alert if the calling line is not referenced to and originated by the main telephone number, or a Telephone Number identified number that represents all the lines in a collection of lines, such as multi-line hunt groups.

4.7.7 Call Waiting/Cancel Call Waiting

Call Waiting provides a tone signal to indicate to a customer already engaged in a telephone call when another caller is attempting to dial in. It will also permit the customer to place the first call on hold, answer the other call and then alternate between both callers. Cancel Call Waiting (CCW) allows a Call Waiting (CW) customer to disable CW for the duration of an outgoing telephone call. CCW is activated (i.e., CW is disabled) by dialing a special code prior to placing a call, and is automatically deactivated when the customer disconnects from the call.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.7 MISCELLANEOUS FEATURES (Cont'd)

4.7.8 Call Waiting ID

This service is an augmented form of Call ID, designed for use by Call Waiting subscribers, that also allows a customer who is off hook on an existing call to receive Call ID information (number only) for a new incoming call. Customers subscribing to Call Waiting ID will also be provided with the Anonymous Call Rejection feature. The calling number is displayed on customer provided premise equipment attached to the customer's telephone line. Subscription to Call Waiting is required in order to take full advantage of this service.

4.7.9 Call Waiting ID with Name

This feature provides the same functionality as described for Call Waiting ID, plus the display of the name associated in the Company's records with the line from which the call originates, including names associated with non-published and non-listed service. The calling name and number are displayed on customer provided premises equipment attached to the customer's line. Customers subscribing to Call Waiting ID with Name will also be provided automatically with the Anonymous Call Rejection feature.

4.7.10 Customer Originated Trace

Customer Originated Trace allows customers to key in a code that alerts the network to trace the last call received. The traced telephone number is automatically sent to the company for storage for a limited amount of time and is retrievable by legally constituted authorities upon proper request by them. By contacting the company the customer can use this application to combat nuisance calls.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.7 MISCELLANEOUS FEATURES (Cont'd)

4.7.11 Preferred Call Forwarding

Preferred Call Forwarding allows the customer to transfer selected calls to another telephone number. A screening list of up to six numbers is created by the customer and placed in the network memory. Subsequently, calls are forwarded to the Call Forwarding telephone number only if the calling number can be obtained and is found to match a number on the screening list.

The screening list may be edited and revised at the customer's discretion.

If the customer also subscribes to Call Block and the same telephone number is entered on both screening lists, the Call Block feature must be deactivated to allow the call to forward.

This feature will not work if the calling line is not referenced to and originated by the main telephone number, or a Telephone Number identified number that represents all the lines in a collection of lines such as multi-line hunt groups.

4.7.12 Regular Multiline Hunting

This feature is a line hunting arrangement that provides sequential search of available numbers within a multiline group.

4.7.13 Remote Call Forwarding

Remote Call Forwarding (RCF) is a local exchange service that utilizes a telephone number and Electronic Central Office facilities by which all incoming calls to the RCF telephone number are forwarded automatically to the subscriber's central office line in the same exchange as the RCF number or in a different exchange or to an Inward WATS (800 Service) access line.

4.7.14 Selective Call Rejection

Selective Call Rejection will allow the subscriber to define a list of, at a maximum of six (6) Directory Numbers to be screened. Any calling numbers on this list will be routed to announcements and rejected. All other calls will be treated normally. The calling party on the rejection list will receive an announcement stating the call is not presently being accepted by the called party.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.7 MISCELLANEOUS FEATURES (Cont'd)

4.7.15 Speed Calling 8, Speed Calling 30

This feature allows a user to dial selected numbers using one or two digits. Up to eight numbers (single digit, or thirty numbers with two digits) can be selected.

4.7.16 Three-Way Calling

Three-Way Calling allows a station user to add a third party to the existing call, enabling a simultaneous conference between parties at multiple locations. If multiple parties of the conversation subscribe to this service, each may establish an additional line, to a maximum of six lines.

4.7.17 Connection Charges

Connection charges may apply when a customer requests connection to one or more features. Orders requested for the same customer account made at the same time for the same premises will be considered one request. These charges may not apply if the features are ordered at the same time as other work for the same customer account at the same premises. These charges are described in Section 3 of this tariff.

4.7.18 Rates and Charges

Rates and Charges for Miscellaneous Features are contained in the Rate Schedule at the end of this tariff.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.8 DIRECTORY LISTINGS

4.8.1 Provision of Directory Listings

- a. These rates and regulations for directory listings apply only to the information records and the alphabetical section of the directory containing the regular alphabetical list of names of customers.
- b. Listings are regularly provided in connection with all local service unless the customer subscribes to Non-Published Number Service.
- c. Directory listings are provided to aid in the use of telephone service through the identification of customers' telephone numbers. Special arrangements of names is not contemplated, nor any form of listing which does not facilitate use of directory service, is otherwise objectionable, or is unnecessary for purposes of identification.
- d. A listing must conform to the Company's specifications with respect to its directories.
- e. The Company has the right to limit the length of any listing to one line in the directory by the use of abbreviations when the clearness of the listing or the identification of the customer is not impaired thereby.
- f. The contract period for directory listings where the primary or additional listing appears in the directory is the directory period.
- g. Non-published service is provided by the Company. This is a type of service where the customer's number is not included in the published directory, but is included in the information records and is provided by the directory assistance operator upon request.

4.8.2 Primary Directory Listings

- a. Number of Listings Provided Without Charge

Except as provided in this Tariff, one primary listing is provided without extra charge for each main service or for the first number in a group, when two or more main station lines are consecutively operated.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.8 DIRECTORY LISTINGS (Cont'd)

4.8.2 Primary Directory Listings (Cont'd)

b. Business Listings

Business listings consist of a name, a designation descriptive of the customer's business, the address of the premises at which service is rendered, and the telephone number. Business designations (e.g., ofc., atty., M.D., etc.) may be used when appropriate. The primary listing is ordinarily the name of the individual, firm or corporation which contracts for the service or the name under which a business is regularly conducted. Where the service is contracted for by one party for the use of a second party, the primary listing may be the name of the second party.

- c. At the customer's option, either street address or a post office box number may be listed. An Additional Listing Charge will be due if the customer desires both listings.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.8 DIRECTORY LISTINGS (Cont'd)

4.8.3 Additional Directory Listings

a. General

1. The regular extra listing rates and conditions apply to each regular or special type of additional listing ordered by the customer.
2. Charges for additional listings begin on the date the information records are posted and are payable monthly in advance.
3. Additional listing charges are automatically discontinued upon termination of the main service.
4. Additional listings will have the same address as the primary listing. However, when, in the opinion of the Company, it appears necessary as an aid to the use of the directory and provided satisfactory service can be furnished, the following exceptions may be allowed:
 - a. A listing may be permitted under the address of a Private Branch Exchange (PBX) station or extension station installed on the premises of the customer, even though that address is different from that of the switchboard or main station using the telephone number of the primary listing.
 - b. Where a building has more than one entrance, the customer may have an additional listing showing the address of an entrance other than that included in the primary listing.
5. Additional residence-type listings may be provided in the names of permanent guests or tenants of hotels, motels and apartment houses equipped with key or PBX systems, provided that written approval is obtained in advance from the hotel, motel or apartment house involved. In such circumstances:
 - a. Business additional listing rates apply; and
 - b. No separate billing will be issued.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.8 DIRECTORY LISTINGS (Cont'd)

4.8.3 Additional Directory Listings (Cont'd)

b. Special Types of Additional Listings

1. Duplicate and Reference Listings

Listings of nicknames, abbreviated names, re-arrangements of names, names which are commonly spelled in more than one way, and other names by which customers are known are permitted when, in the opinion of the Company, they are necessary for the proper identification of the customer, they are not desired to secure a preferential position in the directory, or when they are not for advertising purposes. Cross-reference listings are permitted when their use will facilitate the handling of telephone calls.

2. Alternate Listings

a. Listing of an alternate telephone number to be called in case no answer is received is permitted for customers to all classes of service.

b. The alternate number may be a number that is not the requesting customer's number. In such case, the written consent of the customer to the alternately listed service must be obtained before the alternate listing is furnished.

3. Foreign Listings

Foreign listings are listings appearing in a directory other than the directory for which local service is furnished. The minimum contract period for which charges will apply will be the remaining period that the directory will be used. These charges will be paid annually in advance.

4. Indented Residence Listings

Additional listings may be furnished for the customer's or their employees' residence telephones. These additional listings will be indented under the listing of the business with which they are associated. In such cases, the party in whose name the indented residence listing is shown must have a residence primary listing or additional listing in the same name. Such listings are furnished at the rate and under the regulations specified for additional listings.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.8 DIRECTORY LISTINGS (Cont'd)

4.8.3 Additional Directory Listings (Cont'd)

b. Special Types of Additional Listings (Cont'd)

5. Listings of Residence Under Business Service:

Additional listings of residences may be furnished under business service, provided the business and residence establishments are at the same address and are under the same roof. The additional listing must be in the name of the customer, a member of his/her immediate family, or of an employee or representative of the customer.

6. Extra Lines of Information:

Listings of other information which are not required in order to efficiently handle telephone traffic is not included in the charges for service. For example, such other information may be the office hours of a business. The Company may, at its discretion, accept listings of such miscellaneous information at the rates for special types of additional listings.

4.8.4 Non-Published Number Service

a. General

1. Non-Published Number Service provides for the omission or deletion of a customer's telephone number listing from the Company's directories.
2. In the absence of gross negligence or willful misconduct, the Company assumes no liability for publishing a non-published telephone number. Where such number is published in the directory, the Company's liability shall be limited to a refund of the Company's monthly charges applicable to Non-Published Service.
3. The customer indemnifies and saves the Company harmless against any and all claims for damages caused or claimed to have been caused, directly or indirectly, by refusing to disclose a non-published telephone number upon request, or by the publication of a number of a non-published telephone number in the telephone directory, or disclosing of such number to any person.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.8 DIRECTORY LISTINGS (Cont'd)

4.8.4 Non-Published Number Service

a. General (Cont'd)

4. The rate for Non-Published Service does not apply to:
 - a. Additional service furnished to the same customer who has other service listed in the directory at the same address.
 - b. To a customer living in a hotel, hospital, retirement complex, apartment house, boarding house, or club if the customer is listed under the telephone number of the Private Branch Exchange, Centrex or Paystation Service furnished to such establishments.
 - c. Service which is installed for a temporary period.
5. A customer residing in an E911 Service district forfeits the privacy afforded by Non-Published Service to the extent that the customer's name, telephone number and the address associated with the service location are furnished to the E911 service administrator, E911 public safety answering point (PSAP) or E911 service database.

4.8.5 Liability For Directory Listing Service

a. General

1. The Company shall not be liable for any error, omission, or other failure in connection with directory listings furnished without additional charge. The customer agrees to hold the Company free and harmless from any claims, losses, damage, or liability which may result from such error, omissions, or other failures.
2. The liability, if any, of the Company for any error, omission, or other failure in connection with directory listings furnished at an additional charge shall in no event exceed the charge for that listing during the effective life of the directory in which the error or omission is made.
3. In accepting listings as prescribed by applicants or customers, the Company will not assume liability for the result of their publication in its directories nor will the Company be a party to controversies arising between customers or others as a result of listings published in its directories.

SECTION 4 - SUPPLEMENTAL SERVICES (Cont'd)

4.8 DIRECTORY LISTINGS (Cont'd)

4.8.6 Rates and Charges

a. Recurring Monthly Rate

Rates and Charges for Directory Listing are contained in the Rate Schedule at the end of this tariff.

b. Service Charges

1. See Section 3 of this Tariff for applicable Service Charges. A Connection Charge applies for additions or changes in directory listings.
2. When directory listings are ordered at the same time as the initial installation of local access line service no additional Service Charges will be applied for the directory listing(s).

4.8.7 Provision and Ownership of Directories

One copy of local directories shall be distributed per access line, without charge. Additional directories including replacement of mutilated or destroyed directories will be furnished at the discretion of the Company at a reasonable rate.

Telephone directories shall be issued approximately every twelve (12) months. The Company issues directories to assist in furnishing prompt and efficient service. The Company does not guarantee to its customers correct listings therein. Every precaution is taken to prevent errors in, and omissions of, directory listings. The Company's liability for damages arising from errors or omissions in making up or printing of its directories is addressed in Section 2.1.5 of this Tariff.

If a customer's number is incorrectly listed in the directory, and if the incorrect number is a working number, and if the customer to whom the incorrect number is assigned requests, the number shall be changed at no charge. If the incorrect number is not a working number but is a usable number, the customer's number shall be changed to the listed number at no charge, if requested.

CONTENTS

Section 5 - NETWORK SWITCHED SERVICES

	Page
5.1 Business Network Switched Service.....	2
5.1.1 Business Service Descriptions	2
5.1.2 PBX Trunk Service.....	4

Section 5 - NETWORK SWITCHED SERVICES

5.2 BUSINESS NETWORK SWITCHED SERVICES

Business Network Switched Service provide a business customer with a connection to the Company's switching network which enables the customer to:

- a. place and receive calls from other stations on the public switched telephone network;
- b. access the Company's local calling service;
- c. access the Company's operators and business office for service related assistance; access toll-free telecommunications service such as 800 NPA; and access 911 service for emergency calling; and
- d. access the service of providers of interexchange service. A customer may presubscribe to such provider's service to originate calls on a direct dialed basis or to receive 800 service from such provider, or may access a provider on an ad hoc basis by dialing the provider's Carrier Identification Code (101XXXX).

Business Network Switched Service is provided via one or more channels terminated at the customer's premises. Each Business Network Switched Service channel corresponds to one or more analog, voice-grade telephonic communications channels that can be used to place or receive one call at a time.

Connection charges as described in Section 3 apply to all service on a one-time basis unless waived pursuant to this Tariff.

5.2.1 Business Service Descriptions

The following Business Access Service Options are offered:

Basic Business Line Service
PBX Trunks

Basic Business Line Service and PBX trunks are offered on a flat rate basis only.

All Business Network Switched Service may be connected to customer-provided terminal equipment such as station sets, key systems, PBX systems, or facsimile machines. Service may be arranged for two-way calling, inward calling only or outward calling only.

Section 5 - NETWORK SWITCHED SERVICES (Cont'd)

5.2 BUSINESS NETWORK SWITCHED SERVICES (Cont'd)

5.2.1 Business Service Descriptions (Cont'd)

a. Basic Business Line Service

1. General

Basic Business Line Service provides a customer with a one or more analog, voice-grade telephonic communications channel that can be used to place or receive one call at a time. Local calling service is available on a flat rate basis. Basic Business Lines are provided for connection of customer-provided single-line terminal equipment such as station sets or facsimile machines.

Each Basic Business Line has the following characteristics:

Terminal Interface:	2-wire
Signaling Type:	Loop start
Pulse Types:	Dual Tone Multifrequency (DTMF)
Directionality:	Two-Way, In-Only, or Out-Only, at the option of the customer

Section 5 - NETWORK SWITCHED SERVICES (Cont'd)

5.2 BUSINESS NETWORK SWITCHED SERVICES (Cont'd)

5.2.2 PBX Trunk Service

a. General

PBX trunks are provided for connection of customer-provided PBX terminal equipment. Analog trunks are delivered on an individual line basis. All trunks are equipped with multiline hunting.

DID service allows callers to reach the called party without going through a PBX attendant. DOD service allows end users to dial outside of a PBX system without going through the PBX attendant to get access to an outside line.

For DID configured PBX trunks additional charges apply for Direct Inward Dial Station numbers.

Each Trunk has the following characteristics:

Terminal Interface:	2-wire or 4-wire, as required for the provision of service
Signaling Type:	Loop, Ground, E&M I, II, III
Pulse Type:	Dual Tone Multi-Frequency (DTMF)
Directionality:	In-Coming Only (DID), Out-Going Only (DOD), or Two-Way

b. Flat Rate PBX Trunks

1. Description

Flat Rate PBX Trunks provide the customer with a single voice grade telephonic communications channel which can be used to place or receive one call at a time. DID trunks are arranged for one-way inward calling only.

Section 5 - NETWORK SWITCHED SERVICES (Cont'd)

5.2 BUSINESS NETWORK SWITCHED SERVICES (Cont'd)

5.2.2 PBX Trunk Service (Cont'd)

b. Flat Rate PBX Trunks (Cont'd)

2. Recurring and Nonrecurring Charges

Charges for each PBX trunk includes a monthly recurring Base Service Charge. Rates and Charges for Flat Rate PBX trunks and DID trunks are contained in the Rate Schedule at the end of this tariff. In addition to the recurring charges described above, service order charges apply as described in Section 3 of this tariff.

CONTENTS

Section 6 – PRIVATE LINE SERVICE

	Page
6.1 Provision of Service.....	2
6.1.1. General.....	2
6.1.2 Rate Categories.....	2
6.1.3 Service Configurations.....	4
6.2 Service Descriptions.....	6
6.2.1 Voice Grade Service – Series 2000.....	6
6.3 Rate Regulations.....	11
6.3.1 Types of Rates and Charges.....	11
6.3.2 Moves.....	15
6.3.3 Mileage Measurements.....	16
6.4 Digital Service.....	18
6.4.1 General.....	18
6.4.2 Regulations.....	19

Section 6 – PRIVATE LINE SERVICE

6.1 PROVISION OF SERVICE

6.1.1 General

- a. Services consisting of Local Channels, Interoffice Channels, and Optional Features and Functions are classified by series. The various series are sub-divided into different types and are described in terms of circuit characteristics and use.
- b. Customers may order local channels which are designed to meet specific communications requirements. The customer is responsible for determining that his terminal equipment is compatible with the service provided by the Company.
- c. Where multi-point service is furnished, the local channels are bridged in the wire center.

6.1.2 Rate Categories

- a. Following are the basic rate categories which apply to Private Line service

1. Local Channels

- a) A local channel provides for a communications path between the demarcation point at a customer premises and the serving wire center of that premises. One local channel charge applies per channel termination.
- b) When service is provided by non-wire center connected channels, a non-wire center connected channel charge applies in lieu of local channel charges.

2. Interoffice Channels

This rate category provides for the transmission facilities between serving wire centers associated with two customer premises, between serving wire centers associated with a customer premises and a Company hub, or between two Company hubs.

Interoffice mileage is portrayed in mileage bands. A flat rate and a rate per mile applies to each band. For method of determining mileage, see Section 6.3.3.3.A.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.1 PROVISION OF SERVICE (Cont'd)

6.1.2 Rate Categories (Cont'd)

3. Optional Features and Functions

This rate category provides for features and functions which may be added to a service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of the performance characteristics which may be obtained. This category includes a) and b) following:

a) Hub Functions

A hub is a Company designated wire center where bridging or multiplexing functions are performed i.e., connecting three or more customer premises in a multipoint arrangement or channelizing analog or digital services requiring a lower capacity or bandwidth.

b) Provides for such things as signaling, conditioning, transfer arrangements, protection switching, etc.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.1 PROVISION OF SERVICE (Cont'd)

6.1.3 Service Configurations

- a. There are two types of service configurations which can be provided. These are described as follows:

1. Two-Point Service

A two-point service connects two customer premises either directly through a serving wire center(s) or through a Company hub where additional functions are performed.

2. Multipoint Service

- a) Multipoint service connects three or more customer premises through a Company hub.
- b) There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between hubs (i.e., bridging locations).
- c) Voice Grade (Series 2000) Multipoint Channel services for data use have a limit of 6 two-wire facility type local channels or 20 four-wire facility type local channels when used with customer-provided station equipment.
- d) Only certain types of service are available for multipoint applications. These are so designated in the service descriptions set forth in 6.2.1 following.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.2 SERVICE DESCRIPTIONS

6.2.1 Voice Grade Service – Series 2000

- a. Series 2000 voice grade service provides for voice and/or data communications on a two point or multipoint basis for service 7 days per week, 24 hours per day, for a minimum period of one month.
- b. Basic parameters and specifications for Series 2000 voice grade service are described for the end to end operation as follows:

Basic Parameters	For Speech Application	For Data Applications
Net Loss	Local Channels used with terminal equipment: Limit as specified in the following Local Channel descriptions. Losses or gains present in CPE have not been included.	
DC Resistance	Local Channel limit as specified in the following Local Channel descriptions. Does not imply or guarantee end to end DC continuity.	
Frequency Error	Plus or Minus 5 Hz	Plus or Minus 5 Hz
Frequency Response	(Referenced to 1000 Hz Loss)	
300 – 3000 Hz	-3dB to + 12dB	-3dB to + 12dB
500 – 2500 Hz	-2dB to + 8dB	-2dB to + 8dB
Envelope Delay Distortion		
800 – 2600 Hz	Not Controlled	Less than 1750 Microseconds

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.2 SERVICE DESCRIPTIONS (Cont'd)

6.2.1 Voice Grade Service – Series 2000 (Cont'd)

Basic Parameters	For Speech Application	For Data Applications
C-Notched Noise (with a -13dBm0 1000 Hz Test Signal)	Not Controlled	Noise level 24dB below signal level
Impulse Noise	Not Controlled	15 Counts in 15 minutes at a threshold of 6dB below a 13dBm0 rms 1000 Hz Signal
Phase Jitter	Not Controlled	10 degrees peak to peak
Non-Linear Distortion		
2nd Order Distortion	Not Controlled	25dB below signal level
3rd Order Distortion	Not Controlled	30 dB below signal level

c. Transmission parameters for voice grade service are described following:

1. Type 2230 – A two-wire interface with effective two-wire facilities engineered for a 1004 Hz net loss of 0 to 10 dB. Generally furnished for voice transmission – Private Line Telephone, Mobile Radio Telephone, or Supervisory Control Use. Multipoint service may be provided at charges specified in the rate section of this tariff.
2. Type 2231 – A two-wire interface with two or four-wire facilities engineered for a 1004 Hz net loss of 0dB to 4.5dB. This is generally used for PBX (or similar system) main or extension station services. Signaling is required for this service.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.2 SERVICE DESCRIPTIONS (Cont'd)

6.2.1 Voice Grade Service – Series 2000 (Cont'd)

3. Type 2432 – A two or four-wire interface with effective four-wire facilities engineered for tie line service use between PBX's or customer-provided communications systems. Signaling is required for this service.
4. Type 2434 – A two or four-wire interface for connection to the serving wire center where loop facilities are not required. This channel is suitable for tie line service (with E&M signaling) between Centrex Type Services Systems and may be connected with Type 2432 local channels.
5. Type 2435 – A four-wire interface with effective four-wire facilities engineered for a 1004 Hz net loss of 0 to 16db. Generally furnished for voice transmission. Multipoint service may be provided at charges specified in the rate section of this tariff.
6. Type 2260 – A two-wire¹ interface with effective two-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of low speed (1200 baud or less) half duplex data services.
7. Type 2261 – A two-wire interface with effective two-wire facilities engineered for use in Select-A-Station Service or Telemetry/Alarm Bridging Service (TABS).
8. Type 2462 – A four-wire interface with effective four-wire facilities engineered for use in Select-A-Station Service, or Telemetry/Alarm Bridging Service (TABS).
9. Type 2463 – A four-wire interface with four-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of analog data services. Multipoint service may be provided at charges specified in the rate section of this tariff.

Note 1: Transmission data characteristics can only be met and guaranteed for the two-wire interface when the airline distance from the serving wire center to the customer's premises is one mile or less and the interoffice channel is not greater than 4 airline miles between serving wire centers.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.2 SERVICE DESCRIPTIONS (Cont'd)

6.2.1 Voice Grade Service – Series 2000 (Cont'd)

10. Type 2464 – A two-wire interface with four-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of analog data services. Multipoint service may be provided at charges specified in the rate section of this tariff.

d. Signaling Arrangements

1. Off Premises Stations

- a) For use with PBX (or similar system) off-premises channels for terminal equipment. Signaling arrangements are furnished for grandfathered and registered PBX (or similar) systems in accordance with Part 68 of the FCC Rules and Regulations or for customer-provided communications systems not subject to Part 68 of the FCC Rules and Regulations.

Type A – Furnished for use with Class A PBX (or similar) system station ports capable of operation over loops with resistance in the range of 0-199 ohms.

Type B – Furnished for use with Class B PBX (or similar) system station ports capable of operations over loops with resistance in the range of 200-899 ohms.

Type C – Furnished for use with Class C PBX (or similar) system station ports capable of operation over loops with resistance in the range of 900 ohms or more.

- b) For connections to registered or grandfathered PBX (or similar) system equipment, the customer must specify the equipment capability for use with Type A,B, or C Signaling Arrangements.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.2 SERVICE DESCRIPTIONS (Cont'd)

6.2.1 Voice Grade Service – Series 2000 (Cont'd)

2. Tie Lines

a) E&M signaling is provided for use with tie line channels with E&M signaling interfaces. Signaling Arrangements are furnished for grandfathered and registered PBX's in accordance with Part 68 of the FCC Rules and Regulations or for customer-provided communications systems not subject to Part 68 of the FCC Rules and Regulations.

- An E&M Signaling Arrangement is required for each tie line termination, operating in a Dial Repeating mode, at a customer's premises with a registered PBX.
- An E&M Signaling Arrangement is required for each tie line termination at a customer's premises with grandfathered PBX's when the tie line is arranged with an E&M signaling interface.
- An E&M Signaling Arrangement is required with Types 2432 and 2434 channels for additions to or for new installations of grandfathered PBX equipment when not arranged with an E&M signaling interface.
- An E&M Signaling Arrangement is required for each Type 2432 or 2434 channel termination at a customer's premises with a customer-provided communications system not subject to Part 68 of the FCC Rules and Regulations when arranged with an E&M Signaling interface.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.3 RATE REGULATIONS

6.3.1 Types of Rates and Charges

- a. The two types of rates and charges are monthly rates and nonrecurring charges and are described as follows:

1. Monthly Rates

Monthly rates are re-curring charges that apply each month or fraction thereof that a service is provided. For billing purposes, each month is considered to have 30 days.

Commercial Quality Video (CQV) service is available under month-to-month or Channel Services Payment Plans (CSPP) of either twenty-four to forty-eight months or fifty-nine to seventy-two months.

All rate elements of each CQV service must be purchased under the same payment plan with the same service period and are coterminous upon disconnect of the CQV service.

Rates applicable to a month-to-month payment option are subject to Company initiated changes.

When a CQV customer's service extends beyond a seventy-two month service period, the sixty Month Term Payment Plan rates will apply.

A Termination Liability Charge is applicable if all or any part of a CQV service is disconnected, at customer request, prior to the expiration of any CSPP. This charge is calculated by multiplying the number of months remaining in the selected service period times sixty percent of the monthly rates provided under the CSPP.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.3 RATE REGULATIONS (Cont'd)

6.3.1 Types of Rates and Charges (Cont'd)

2. Nonrecurring Charges

Nonrecurring Charges are one-time charges that apply for a specific work activity. The three types of nonrecurring charges that apply are installation of service, installation of features and functions and service rearrangements.

a) Installation of Service

Nonrecurring charges apply for each service terminated at the customer's premises. For the installation of local channels when more than one of the same type of service, between the same locations, for the same customer is ordered and installed at the same time, one at each location is billed at the First Service Installed rate and the others are billed at the Additional Service Installed rate. For Commercial Quality Video service, nonrecurring charges are per each rate element.

The nonrecurring charges for the Installation of Services are set forth in the rate section of this tariff following as Nonrecurring Charges for the Local Channel and Interoffice Channel rate elements.

b) Nonrecurring charges apply for the installation of features and functions available with the various services. For some features and functions there is a lower charge if installed coincident with the service and a higher charge if installed subsequent to the service.

Section 6 -- PRIVATE LINE SERVICE (Cont'd)

6.3 RATE REGULATIONS (Cont'd)

6.3.1 Types of Rates and Charges (Cont'd)

c) Service Rearrangements

- (1) Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements or a change in the Physical location of the point of termination at a customer premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in Section 6.3.2.

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Private Line Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes name),
- Change of customer or customer's premises address when the change of address is not a result of a physical relocation of equipment.
- Change in billing data (name, address or contact name or telephone number).

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.3 RATE REGULATIONS (Cont'd)

6.3.1 Types of Rates and Charges (Cont'd)

- (2) All other service rearrangements will be charged for as follows:
- If the change involves the addition of other customer designated premises to an existing multipoint service, the nonrecurring charge for the local channel rate element will apply. The charges will apply only for the location(s) that is being added.
 - If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
 - If the change involves changing the type of signaling on a voice grade service the subsequent, nonrecurring charge will apply for the new type signaling. The charge will apply per service termination affected.
 - For all other changes, including a change of the customer of record involving no physical changes to the service provided or the addition of optional features without separate nonrecurring charges, a charge equal to a local channel rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.3 RATE REGULATIONS (Cont'd)

6.3.2 Moves

- a. A move involves a change in the physical location of one of the following:
 1. The point of interface at the customer premises.
 2. The customer's premises.
- b. The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

1. Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring (i.e., installation) charge for the affected service termination at the customer's premises. There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full nonrecurring charge for the basic service.

2. To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established at the new location. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.3 RATE REGULATIONS (Cont'd)

6.3.3 Mileage Measurements

- a. When station locations of a private line service are located in different wire center serving areas, interoffice channel charges apply. Charges are based on the direct airline distance measured between the serving wire centers. Mileage is determined in accordance with the following:
 1. Obtain the "V" and "H" coordinates for each wire center, as listed in the National Exchange Carrier Association Tariff F.C.C. No. 4.
 2. Obtain the difference between the "V" coordinates of the two wire centers. Obtain the difference between the "H" coordinates. (The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.)
 3. Square each difference obtained in 2. preceding.
 4. Add the squares of the "V" difference and the "H" difference obtained in 3. preceding.
 5. Divide the sum of the squares obtained in 4. Preceding by 10.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.3 RATE REGULATIONS (Cont'd)

6.3.3 Mileage Measurements (Cont'd)

- 6. Obtain the square root of the result obtained in 5. Preceding. This is the rate distance in miles. (Fractional miles being considered as full miles.)

EXAMPLE: The rate distance is required between City One and City Two.

	V	H
City One	7260	2083
City Two	7364	1865
Difference	104	218
Squared	10,816 + 47,524 = 58,340	

58,340 divided by 10 = 5834

Square root of 5834 = 76.38 = 77 Airline miles

- b. When a private line is furnished over facilities which the Company elects to provide on a direct basis and is not routed through a central office, one two-point channel charge from the rate section of this tariff will apply. The arrangement is limited to channels not more than one airline mile in length.
- c. For the purpose of applying multipoint charges, the bridging or hubbing locations are determined by that combination of airline distances connecting the serving wire center which will produce the lowest interoffice mileage charges. Bridging charges apply when three or more channels connect at the same location.
- d. For Series 1000, 2000 and 6000 channels the customer may specify the sequence in which the service points are to be connected in which case the rate mileage is the shortest airline mileage determined in accordance with paragraph C. preceding which will connect the wire centers of the service points in the specified sequence.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 DIGITAL SERVICE

6.4.1 General

- a. This service is provided for the transmission of digital signals only and is furnished only via digital transmission facilities.
- b. Digital service provides for the simultaneous two-way transmission of synchronous digital signals at speeds of 2.4, 4.8, 9.6, 19.2, and 56 Kbps between customer locations where appropriate digital facilities for this service are available as determined by the Company.
- c. Multipoint Service, Secondary Channel and/or the Data Over Voice Channel capability may not be available in all Digital service locations.
- d. To ensure satisfactory operation, the terminal equipment provided by the customer must be compatible with the channel facility provided by the Company.
- e. Unless specified following, the regulations for Digital service specified herein apply.
- f. The rates specified for Digital service are in the rate section of this tariff. The Company will provide a digital facility over existing interoffice carrier equipment and/or transmission facilities compatible with Digital service. If new equipment and facilities or changes to existing facilities are required to provide for Digital service, a special construction charge based on the cost incurred to make the changes may apply in addition to these rates.
- g. Digital service is available on a month-to-month basis or under contract plans as described in 6.4.2.e. following.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 DIGITAL SERVICE (Cont'd)

6.4.2 Regulations

a. Description of Service

1. Service is furnished for the simultaneous two-way transmission of digital signals at synchronous rates of 2.4, 4.8, 9.6, 19.2, and 56 Kbps between two or more points located within a LATA. These channels may also be furnished on a link (partial channel) basis.¹
2. Service is furnished for full duplex operation only.
3. A minimum initial service period of 3 month is required.
4. The design, maintenance and operation of Digital service contemplates communications originating or terminating at stations of the customer. While connections to communications systems provided by others may be made on a permissive basis, the Company does not represent this service as adapted for such connections, and shall not be responsible for the through transmission of signals, or the quality of such transmission on such connections.
5. A Channel Service Unit provided by the customer is required at a customer's premises to perform such functions as:
 - proper termination of the service
 - amplification
 - signal shaping
 - remote loop-back

Note 1: This also applies when the Data Over Voice Channel option is used.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 DIGITAL SERVICE (Cont'd)

6.4.2 Regulations (Cont'd)

b. Method of Applying Rates

1. A Digital Local Channel is furnished between a Serving Wire Center and the demarcation point on a customer's premises.
2. Node Terminations are applied to each termination within the Node Central Office. A change is applicable for each Local Channel and/or Digital Interoffice Channel connected within a Node Central Office.
3. A Digital Interoffice Channel will be required when a Digital Local Channel originates from a Serving Wire Center that is not a Node Central Office. The rate is based on airline mileage, or fraction thereof, between the Serving Wire Center and the Node Central Office.
4. A Digital Interoffice Channel will be required between Nodes when a customer has a requirement to connect premises located in separate Nodal Service Areas. The rate is based on airline mileage, or fraction thereof, between Node Central Offices.¹
5. Airline distance between Company central offices shall be developed using methodology and Vertical (V) and Horizontal (H) coordinates contained in the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4. Fractional miles are to be rounded up to the next full mile.

Note 1: When customer premises terminations are located in wire centers assigned to different primary nodes, digital interoffice channel mileage will be calculated from each serving wire center to its assigned primary node, and digital internodal channel mileage will be calculated for the distance between the two primary nodes in the routing sequence.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 DIGITAL SERVICE (Cont'd)

6.4.2 Regulations (Cont'd)

6. A Data Over Voice Channel at 9.6 Kbps is available as an optional feature. The customer must also subscribe to a compatible two-wire local exchange line (e.g., business exchange line). This two-wire exchange line and its associated rates and charges are in addition to the Data Over Voice Channel rates and charges. Node Termination charges apply per Data Over Voice Channel. Interoffice Channel mileage charges apply between the customer's serving wire center and the Node Central Office if the customer's serving wire center is not a Node Office.
 7. A Data Over Voice Channel may be used in a two-station arrangement and a multipoint arrangement.
- c. Connections
1. Customer-Provided Terminal equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems may be connected to Digital service when such a connection is made in accordance with the provision specified in 2. and 3. following.
 2. The responsibility of the Company shall be limited to the furnishing and maintenance of service to a network interface on the customer's premises where provision is made for the connection of local service. The customer is responsible for installing and testing his premises equipment or facilities to insure that when they are connected with the Digital service such equipment or facilities are operating properly.
 3. The customer responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, the customer will be responsible for all expenses incurred in changes to his premises equipment.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 DIGITAL SERVICE (Cont'd)

6.4.2 Regulations (Cont'd)

4. Connection of Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer provided Communications Systems.

a) The following provisions apply:

- (1) Customer-Provided Terminal Equipment and Customer-Provided Communications Systems may be connected at the premises of the customer to Digital service.
- (2) The customer, by use of its own derivation equipment, may create digital bit streams from Digital service. Such equipment may be connected for transmission of such bit streams when connected through a customer-provided CSU.

b) Connections to Other Services Furnished by the Company to the Same Customer

Digital service as furnished by the Company may be connected to another service or to other services furnished by the Company as specified following:

- (1) At the premises of the customer to Series 2000 analog data channels furnished under the rates and regulations of this Company's Tariff.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 DIGITAL SERVICE (Cont'd)

6.4.2 Regulations (Cont'd)

- c) Connections to other services furnished by the Company to different customers

Digital service as furnished by the Company to a customer may be connected at the premises of the customer to other services furnished by the Company to different customers as specified in 6.4.2.C. preceding.

- d) Connection of Channel Service Units

A Channel Service Unit (CSU) must be provided by the customer to connect a company-provided digital facility.

- e) Customer provided terminal equipment for the data over voice channel must be compatible with the Company provided terminating equipment at the central office.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 DIGITAL SERVICE (Cont'd)

6.4.2 Regulations (Cont'd)

- (1) The Company shall not be responsible for the installation, operation or maintenance of any terminal equipment or communications systems provided by a customer. Digital service is not represented as adapted to the use of such equipment or system. Where such equipment or system is connected to Company facilities the responsibility of the Company shall be limited to the furnishing of facilities suitable for Digital service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for:
 - the through transmission of signals generated by such equipment or system, or for the quality of, or defects in such transmission or
 - the reception of signals by such equipment or systems, or
 - damage to terminal equipment or communication systems provided by a customer due to testing.
- (2) The Company shall not be responsible to the customer if changes in any of the facilities, operations or procedures of the Company utilized in the provision of Digital service render any facilities or equipment provided by a customer obsolete, or require modification or alteration of such equipment or system or otherwise affects its use or performance.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 DIGITAL SERVICE (Cont'd)

6.4.2 Regulations (Cont'd)

- (3) The Company undertakes to maintain and repair the facilities which it furnishes. The customer may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Company without prior written consent of the Company.
- (4) The Company has set a design objective of 99.5 percent error free seconds at all speeds with Digital service. The objective does not apply when the data over voice channel option is used in a circuit design.
- (4) The data over voice channel is provided subject to the availability of appropriate network facilities and equipment and subject to the transmission limitation of facilities and equipment used by the Company.

d. Payment Arrangements and Credit Allowance

1. The minimum period for which service is furnished and for which charges are applicable is 3 months.
2. Suspension of service is not allowed.

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 DIGITAL SERVICE (Cont'd)

6.4.2 Regulations (Cont'd)

3. When service is interrupted due to causes other than the negligence of the customer, or the failure of facilities furnished by the customer, a credit allowance will be made upon request for the portion of the service which is affected. For the purpose of determining the amount of allowance every month is considered to have 30 days and only those stations on the interrupted portions of a service shall be considered in the determining the number of stations affected. All such credit allowances shall begin from the time of notice by the customer to the Company that an unsatisfactory performance level has occurred, provided that the customer promptly releases the service as requested by the Company to perform testing and maintenance.
 - a) Interruptions of less than three hours – no credit is applied.¹
 - b) Interruptions of three hours or over are credited to the customer at the proportionate monthly charge in half-hour multiples for each half-hour or major fraction thereof of interruption.
 - c) Interruption for a period of twenty-four hours or more, credit is allowed or the proportionate part of the monthly charge in multiples of one day for each twenty-four hours or major fraction thereof of interruption for the portion of the service affected by the interruption.

Note 1: Two or more interruptions of 30 minutes or more, during any period up to, but not including 3 hours, shall be considered as one interruption.

CONTENTS

SECTION 7 - SPECIAL ARRANGEMENTS

	Page
7.1 Special Construction.....	2
7.1.1 Basis for Charges.....	2
7.1.2 Termination Liability.....	3
7.2 Non-Routine Installation and/or Maintenance.....	4
7.3 Individual Case Basis (ICB) Arrangements.....	4

SECTION 7 - SPECIAL ARRANGEMENTS

7.1 SPECIAL CONSTRUCTION

7.1.1 Basis for Charges

Basis for Charges where the Company furnishes a facility or service for which a rate or charge is not specified in the Company's tariffs, charges will be based on the costs incurred by the Company (including return) and may include:

- a. nonrecurring charges;
- b. recurring charges;
- c. termination liabilities; or
- d. combinations of a, b, and c.

7.1.2 Termination Liability

To the extent that there is no other requirement for use by the Company, a termination liability may apply for facilities specially constructed at the request of a customer

7.2 NON-ROUTINE INSTALLATION AND/OR MAINTENANCE

At the customer's request, installation and/or maintenance may be performed outside the Company's regular business hours, or (in the Company's sole discretion and subject to any conditions it may impose) in hazardous locations. In such cases, charges based on the cost of labor, material, and other costs incurred by or charged to the Company will apply. If installation is started during regular business hours but, at the Customer's request, extends beyond regular business hours into time periods including, but not limited to, weekends, holidays, and/or night hours, additional charges may apply.

SECTION 7 - SPECIAL ARRANGEMENTS (Cont'd)

7.3 INDIVIDUAL CASE BASIS (ICB) ARRANGEMENTS

Rates for ICB arrangements will be developed on a case-by-case basis in response to a bona fide request from a customer or prospective customer for service which vary from tariffed arrangements.

Rates quoted in response to such requests may be different for tariffed service than those specified for such service in the Rate Attachment. ICB rates will be offered to customers in writing and will be made available to similarly situated customers. A summary of each ICB contract pricing arrangement offered pursuant to this paragraph will be filed as an addendum to this Tariff within 30 days after the contract is signed by both the Company and the customer. The following information will be included in the summary:

- a. LATA and type of switch
- b. The V&H distance from the central office to the customer's premises
- c. Service description
- d. Rates and charges
- e. Quantity of circuits
- f. Length of the agreement.

CONTENTS

SECTION 8 – 911 (Emergency Reporting Services)

	Page
8.1 911 (Emergency Reporting Services).....	2

SECTION 8 – 911 (EMERGENCY REPORTING SERVICES)

8.1 911 (Emergency Reporting Services)

All 911 calls will be placed by the calling party via interconnection with a local exchange carrier or an interexchange carrier other than the Company. The Company cannot guarantee the completion of said 911 call, the quality of the call or any features that may otherwise be provided with 911 Service, except to the extent guaranteed in the Company's interconnection or resale agreements with the incumbent local exchange carrier or other facilities provider.

This service is offered as an aid in handling assistance calls in connection with fire, police and other emergencies and does not create any relationship or obligation direct or indirect, to any person. In the event of any interruption of the service, the Company shall not be liable to any person, corporation or other entity for any loss or damage in an amount greater than an amount equal to the pro rata allowance of the tariff rate for the service or facilities provided to the customer for the time such interruption continues, after notice to the Company. No allowance shall be made if the interruption is due to the negligence or willful act of the customer of the service.

Further, each customer agrees to release, indemnify, defend and hold harmless the Company from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the Customer or by any other party or person, for any personal injury to or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by the Customer or others, or for any infringement or invasion of the right of privacy of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of 911 service features and the equipment associated therewith, or by any services which are or may be furnished by the Company in connection therewith, including but not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing 911 services hereunder, and which arise out of the negligence or other wrongful act of the Company, the Customer, its user agencies or municipalities or employees or agents of any one of them.

SECTION 9 - EXPLANATION OF TERMS

AGENCY

For 911 or E911 service, the government agency(s) designated as having responsibility for the control and staffing of the emergency report center.

ALTERNATE ROUTING ("AR")

Allows E911 calls to be routed to a designated alternate location if (1) all E911 exchange lines to the primary PSAP (see definition of PSAP below) are busy, or (2) the primary PSAP closes down for a period (night service).

ANALOG

A transmission method employing a continuous (rather than a pulsed or digital) electrical signal that varies in amplitude or frequency in response to changes of sound, light, position, etc., impressed on a transducer in the sending device.

APARTMENTS

A building or group of buildings used primarily to provide complete residential apartments but not lodging on a day-to-day basis.

ASCII

American Standard Code for Information Interchange. An eight-level code for data transfer adopted by the American Standards Association.

ASYNCHRONOUS

Transmission in which each information character is individually synchronized usually by the use of start-stop elements. The gap between each character is not of a fixed length.

AUTHORIZED USER

A person, corporation or other entity who is authorized by the Company's customer to utilize service provided by the Company to the customer. The customer is responsible for all charges incurred by an Authorized User

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

ATTENDANT

An operator of a PBX console or telephone switchboard.

AUTOMATIC LOCATION IDENTIFICATION ("ALI")

The name and address associated with the calling party's telephone number (identified by ANI as defined below) is forwarded to the PSAP for display. Additional telephones with the same number as the calling party's (secondary locations, off premises, etc.) will be identified with the address of the telephone number at the main location.

AUTOMATIC NUMBER IDENTIFICATION ("ANI")

A system whereby the calling party's telephone number is identified and sent forward with the call record for routing and billing purposes. E911 Service makes use of this system.

BIT

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

BUILDING

A structure enclosed within exterior walls or fire walls, built, erected and framed of component structural parts and designed for permanent occupancy.

CALL INITIATION

The point in time when the exchange network facility are initially allocated for the establishment of a specific call.

CALL TERMINATION

The point in time when the exchange network facility allocated to a specific call is released for reuse by the network.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

CENTRAL OFFICE

An operating office of the Company where connections are made between telephone exchange lines.

CENTRAL OFFICE LINE

A line providing direct or indirect access from a telephone or switchboard to a central office. Central office lines subject to PBX rate treatment are referred to as central office trunks.

CHANNEL

A point-to-point bi-directional path for digital transmission. A channel may be furnished in such a manner as the Company may elect, whether by wire, fiber optics, radio or a combination thereof and whether or not by means of single physical facility or route. One 1.544 Mbps Service is equivalent to 24 channels.

CHANNEL CONVERSION

The termination of 1.544 Mbps Service at a customer's location with conversion of the digital signal to 24 analog voice grade circuits. Channel Conversion can be furnished by the customer.

CHANNEL SERVICE UNIT ("CSU")

The equipment located at the customer's premises which terminates each 1.544 Mbps Digital Loop and performs such functions as proper termination of facilities, regeneration of signals, recognition and correction of signal format errors and provides remote loop-back capability.

COLLEGE

An establishment for higher education authorized to confer degrees where lodging for the students is maintained on the premises.

COMMUNICATIONS SYSTEMS

Channels and other facilities which are capable of two-way communications between subscriber -provided terminal equipment or Telephone Company stations, even when not connected to exchange and message toll communications service.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

COMPANY

CTC EXCHANGE SERVICES, INC. , unless otherwise clearly indicated from the context.

COMMISSION

The South Carolina Public Utilities Commission.

CUSTOMER

The person, firm, corporation, or other entity which orders service pursuant to this Tariff and utilizes service provided under Tariff by the Company. A customer is responsible for the payment of charges and for compliance with all terms of the Company's Tariff.

CUSTOMER PREMISES EQUIPMENT (CPE)

Equipment provided by the customer for use with the Company's services. CPE can include a station set, facsimile machine, key system, PBX, or other communication system.

DEFAULT ROUTING ("DR")

When an incoming E911 call cannot be selectively routed due to an ANI failure, garbled digits or other causes, such incoming calls are routed from the E911 Control Office to a default PSAP. Each incoming E911 facility group to the Control Office is assigned to a designated default PSAP.

DEMARCATIION POINT

The physical dividing point between the Company's network and the customer.

DIAL PULSE ("DP")

The pulse type employed by a rotary dial station set.

DIRECT INWARD DIAL ("DID")

A service attribute that routes incoming calls directly to stations, by-passing a central answer point.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

DIRECT OUTWARD DIAL ("DOD")

A service attribute that allows individual station users to access and dial outside numbers directly.

DIGITAL

A method of storing, processing and transmitting information through the use of distinct electronic or optical pulses that represent the binary digits (bits) 0 and 1. Digital transmission/switching technologies employ a sequence of discrete, individually distinct pulses to represent information, as opposed to the continuously variable signal of analog technologies.

DUAL TONE MULTI-FREQUENCY ("DTMF")

The pulse type employed by tone dial station sets. (Touch tone)

EMERGENCY SERVICE NUMBER ("ESN")

A unique code, assigned by the Company, used to define specific combinations of police, fire and/or ambulance jurisdictions, or any other authorized agency, which are designated by the customer.

E911 SERVICE AREA

The geographic area in which the government agency will respond to all E911 calls and dispatch appropriate emergency assistance.

E911 CUSTOMER

A governmental agency that is the customer of record and is responsible for all negotiations, operations and payment of bills in connection with the provision of E911 service.

ERROR

A discrepancy or unintentional deviation by the Company from what is correct or true. An "error", can also be an omission in records.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

EXCHANGE

An area, consisting of one or more central office districts, within which a call between any two points is a local call.

EXCHANGE ACCESS LINE

A central office line furnished for direct or indirect access to the exchange system.

EXCHANGE SERVICE

The provision to the subscriber of access to the exchange system for the purpose of sending and receiving calls. This access is achieved through the provision of a central office line (exchange access line) between the central office and the subscriber's premises.

FINAL ACCOUNT

A customer whose service has been disconnected who has outstanding charges still owed to the Company.

FLAT RATE SERVICE

The type of exchange service provided at a monthly rate with an unlimited number of calls within a specified primary calling area.

GROUND START

Describes the signaling method between the PBX/key system interface and the Company's switch. It is the signal requesting service.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

HOSPITAL

An establishment for treatment of human patients by members of the medical profession where lodging for the patients is maintained on the premises.

HOTEL

An establishment offering lodging with or without meals to the general public on a day-to-day basis.

INCOMING SERVICE GROUP

Two or more central office lines arranged so that a call to the first line is completed to a succeeding line in the group when the first line is in use.

INTERFACE

That point on the premises of the subscriber at which provision is made for connection of facilities provided by someone other than the Company to facilities provided by the Company.

INTEROFFICE MILEAGE

The segment of a line which extends between the central offices serving the originating and terminating points.

INTERRUPTION

The inability to complete calls, either incoming or outgoing or both, due to Company facilities malfunction or human errors.

JOINT USER

A person, firm, or corporation which uses the telephone service of a subscriber as provided in Section 1 of the Tariff.

KILOBIT

One thousand bits.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

LATA

Local Access and Transport Area. The area within which the Company provides local service. For call to numbers outside this area ("interLATA") service is provided by long distance companies.

LINK

The physical facility from the network interface on an end-user's or carrier's premises to the point of interconnection on the main distribution frame of the Company's central office.

LEASED CHANNEL

A non-switched electrical path used for connection of equipment furnished by the subscriber to equipment furnished by the subscriber or the Company for a specific purpose.

LOCAL CALL

A call which, if placed by a customer over the facilities of the Company, is not rated as a toll call.

LOCAL CALLING AREA

The area, consisting of one or more exchanges, within which a subscriber for exchange service may make telephone calls without a toll charge.

LOCAL SERVICE

Telephone exchange service within a local calling area.

LOOP START

Describes the signaling between the terminal equipment or PBX/key system interface and the Company's switch. It is the signal requesting service.

LOOPS

Segments of a line which extend from the serving central office to the originating and to the terminating point.

MEGABIT

One million bits.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

MESSAGE RATE SERVICE

A type of exchange service provided at a monthly rate with an additional charge for local calling based on the usage of the local network. One completed call is equal to one message.

MOVE

The disconnection of existing equipment at one location and reconnection of the same equipment at a new location in the same building or in a different building on the same premises.

MULTI-FREQUENCY ("MF")

An inter-machine pulse-type used for signaling between telephone company switches, or between telephone company switches and PBX/key systems.

MULTILINE HUNT

A method of call signaling by which a call placed to one number is subsequently routed to one or more alternative numbers when the called number is busy.

NETWORK CONTROL SIGNALING

The transmission of signals used in the telecommunications system which perform functions such as supervision (control, status and charging signals), address signaling (e.g. dialing), calling and called number identification, audible tone signals (call progress signals indicating re-order or busy conditions, alerting) to control the operation of switching machines in the telecommunications system.

NETWORK CONTROL SIGNALING UNIT

The terminal equipment furnished, installed and maintained by the Telephone Company for the provision of network control signaling.

NODE

The location to which digital channels are routed and where access is provided to such lines and associated equipment for testing.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

PBX

A private branch exchange.

PORT

A connection to the switching network with one or more voice grade communications channels, each with a unique network address (telephone number) dedicated to the customer. A port connects a link to the public switched network.

PREMISES

The space occupied by a customer or authorized user in a building or buildings or contiguous property not separated by a public right of way.

PRIVATE BRANCH EXCHANGE SERVICE

Service providing facilities for connecting central office trunks and tie lines to PBX stations, and for interconnecting PBX station lines by means of a switchboard or dial apparatus.

PUBLIC ACCESS LINE SERVICE

Service providing facilities for a customer owned coin operated telephone ("COCOT").

PUBLIC SAFETY ANSWERING POINT ("PSAP")

An answering location for E911 calls originating in a given area. A PSAP may be designated as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs respond first; secondary PSAPs receive calls on a transfer basis only and generally serve as a centralized answering location for a particular type of emergency call.

RATE CENTER

A geographic reference point with specific coordinates on a map used for determining mileage when calculating charges.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

REFERRAL PERIOD

The time frame during which calls to a number which has been changed will be sent to a recording which will inform the caller of the new number.

RESALE OF SERVICE

The subscription to communications service and facilities by one entity and the reoffering of communications service to others (with or without `adding value') for profit.

SAME PREMISES

All space in the same building in which one subscriber has the right of occupancy, and all space in different buildings on contiguous property when occupied solely by the same subscriber. Foyers, hallways and other space for the common use of all occupants of a building are considered the premises of the operator of the building.

SELECTIVE ROUTING ("SR")

A feature that routes an E911 call from a Central Office to the designated primary PSAP based upon the identified number of the calling party.

SERVING CENTRAL OFFICE

The central office from which local service is furnished.

SHARING

An arrangement in which several users collectively use communications service and facilities provided by a carrier, with each user paying a pro-rata share of the communication related costs.

STATION

Each telephone on a line and where no telephone associated with the line is provided on the same premises and in the same building, the first termination in station key equipment or a jack for use with a portable telephone.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

SUSPENSION

Suspension of service for nonpayment is interruption of outgoing service only. Suspension of service at the subscriber's request is interruption of both incoming and outgoing service.

SYNCHRONOUS

Transmission in which there is a constant time interval between bits, characters or events.

T-1 SYSTEM

A type of digital carrier system transmitting voice or data at 1.544 Mbps. A T-1 carrier can handle up to 24 multiplexed 64 Kbps digital voice/data channels. A T-1 carrier system can use metallic cable, microwave radio or optical fiber as transmission media.

TELECOMMUNICATIONS RELAY SERVICE

Transmission service, accessible via three-digit dialing of 711 or a toll-free number, that provides the ability for a hearing or speech impaired individual to engage in communication with an individual that does not have such disabilities. Also referred to as TRS and formerly known as Dual Party Relay Service.

(N)
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(N)

TELEPHONE CALL

A voice connection between two or more telephone stations through the public switched exchange system.

TELEPHONE GRADE LINES

Lines furnished for voice transmission or for certain signaling purposes.

TERMINATION OF SERVICE

Discontinuance of both incoming and outgoing service.

TIE LINE

A dedicated line connecting two switchboards or dial systems.

TOLL CALL

Any call extending beyond the local exchange of the originating caller which is rated on a toll schedule by the Company.

SECTION 9 - EXPLANATION OF TERMS (Cont'd)

TONE DIAL SIGNALING ("TD")

An electronic signal emitted by the circuitry of Touch-Tone-type push-button dials to represent a dialed digit.

TWO WAY

A service attribute that includes DOD for outbound calls and can also be used to carry inbound calls to a central point for processing.

USER

A customer, joint user, or any other person authorized by a customer to use service provided under this Tariff.

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CTC EXCHANGE SERVICES, INC.

P.O. BOX 227

CONCORD, NC 28026-0227

CTC EXCHANGE SERVICES, INC.

General Service Tariff No. 1

CONTENTS

Section 10 - TELECOMMUNICATIONS RELAY SERVICE

		Page	(N)
10.1	711 Three-Digit Dialing Service for Telephone Relay Service (TRS)	2	
10.1.1	General	2	
10.1.2	Service Requirements and Conditions	2	(N)

SECTION 10 – TELECOMMUNICATIONS RELAY SERVICE

(N)

10.1 711 Three-Digit Dialing Service for Telephone Relay Service (TRS)

10.1.1 General

- A. In Order No. 00-257 and Docket No. 92-105, the Federal Communications Commission (FCC) has required all telecommunications carriers throughout the United States to implement three-digit, 711, dialing for access to all Telecommunications Relay Services (TRS).
- B. The new 711 three-digit dialing arrangement will supplement existing systems in most states that require 7 or 10 digit numbers in order to initiate relay calls between citizens who do not have hearing or speech disabilities and citizens who do have such disabilities.
- C. Calls dialed as 711 shall be translated to the assigned TRS entity's toll free number no later than June 30, 2001.
- D. All 711 Service calls shall be local in nature and shall not result in any extended local, intraLATA toll, interLATA long distance or pay-per-call charges to Company subscribers. However, a monthly access charge of \$.05 for support of dual party relay will be incurred by Company subscribers as part of home and EAS exchange calling.
- E. The 711 Service is not available from the following classes of service: hotel/motel/hospital service, inmate service, 1+ and 0+ calling, 0- operated assisted calling, 101xxxxx calling, and cellular (Type 2A).
- F. The 711 Service shall be available from pay telephones provided by The Company. Calls dialed as 711 from pay telephones shall be translated to the assigned TRS entity's toll free number no later than October 1, 2001.
- G. The Company will provide 711 service to its customers only.
- H. Directory listings will be provided through interconnection agreements.

10.1.2 Service Requirements and Conditions

- A. The TRS entity is responsible for obtaining all necessary permission, licenses, written consents, waivers, releases and all other rights from all persons whose work, statements or performance are used in connection with the 711 dialing code, and from all holders of copyrights, trademarks, and patents used in connection with said service.
- B. The TRS entity is responsible for, and shall indemnify, protect, defend and save harmless the Company against all suits, actions, claims, demands and judgments, and all costs,

(N)

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SECTION 10 – TELECOMMUNICATIONS RELAY SERVICE (Continued)

(N)

10.1 711 Three-Digit Dialing Service for Telephone Relay Service (TRS) (Cont'd)

10.1.2 Service Requirements and Conditions (Cont'd)

expenses and counsel fees incurred on account thereof, arising out of and resulting directly or indirectly from the service or in connection therewith, including, but not limited to, any loss, damage, expense or liability resulting from any infringement or claim of infringement, of any patent, trademark, copyright, or resulting from any claim of libel and slander. Unless otherwise specifically provided in this Tariff, the Company shall be authorized to disconnect any tariffed service provided to the TRS entity utilized, directly or indirectly, with the 711 dialing code, which fails to comply with regulations and conditions set forth herein, upon five (5) days of notice to the subscriber. Disconnection may be suspended at the discretion of the Company if it receives written certification that the TRS entity is in compliance with regulations and conditions of the tariffs. Continual noncompliance shall be cause for disconnection without notice at the discretion of the Company.

- C. The TRS entity shall respond promptly to any and all complaints lodged with any regulatory authority against any service provided via 711. If requested by the Company, the TRS entity shall assist the Company in responding to complaints made to the Company concerning the 711 dialing code.
- D. A written notice will be sent to the TRS entity following oral notification when their service unreasonably interferes with or impairs other services rendered to the public by the Company. If after notification the TRS entity makes no modification in method of operation or in the service arrangements that are deemed service-protective by the Company, or if the TRS entity is unwilling to accept the modifications, or if the TRS entity continues to cause service impairment, the Company reserves the right, at any time, without further notice, to institute protective measures, up to and including termination of service. In an emergency situation as defined by the Company, the Company reserves the right, at any time, without notice, to institute protective measures up to and including termination of service.
- E. If a pre-recorded announcement is provided by the TRS entity, the following conditions apply:
 - 1. The TRS entity will provide announcements. The Company will provide only the delivery of the call.
 - 2. The TRS entity assumes all financial responsibility for all costs involved in providing announcement including, but not limited to, the recorder-announcement equipment located on the TRS entity's premises.
- F. The Company shall not be responsible for calls that cannot be completed as a result of repair or maintenance difficulties on equipment owned or leased by the TRS entity.

(N)

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CTC EXCHANGE SERVICES, INC.
P.O. BOX 227
CONCORD, NC 28026-0227

CURRENT RATES

SECTION 3 - CONNECTION CHARGES

3.1	CONNECTION CHARGES	<u>Per Line</u>	<u>S&E</u>
	<u>Service Orders - Primary</u> Business	\$ 45.00	YRPS
	<u>Service Orders - Secondary</u> Business	\$ 14.50	YRSS
	<u>Central Office Work</u> Business	\$ 22.00	YRCO
	<u>Equipment Work</u> Business	\$ 2.50	YREW
3.2	REARRANGE OR MOVE		
	Rearrange or Move Drop	\$ 3.00	YRDP
3.3	CHARGES ASSOCIATED WITH PREMISES VISIT		
3.3.1	Trouble Isolation Charge	<u>Per Visit</u>	<u>S&E</u>
	Premise Visit	\$ 35.00	YDPV
3.4	PRIMARY INTEREXCHANGE CARRIER CHANGE CHARGE		
	InterLATA	\$ 5.00	
	IntraLATA	\$ 5.00	

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CURRENT RATES

Section 4 - SUPPLEMENTAL SERVICES

4.2 BUSY VERIFICATION AND INTERRUPT SERVICE

Verification Charge, each request	\$ XX.XX
Interrupt Charge, each request	\$ XX.XX

4.3 DIRECTORY ASSISTANCE SERVICE

Per query	\$ XX.XX
Call Completion	\$ XX.XX

4.4 LOCAL OPERATOR SERVICE

Local Operator Assistance, per call:	\$ XX.XX
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CURRENT RATES

Section 4 - SUPPLEMENTAL SERVICES (cont'd)

4.5 BLOCKING SERVICE

	<u>Nonrecurring Charge</u>	<u>S&E</u>
900 and 700 Blocking		
- Business (up to 200 lines)	\$ 0.00	YCC
900, 971, 974, and 700 Blocking		
- Business (up to 200 lines)	\$ 0.00	YCC

Pricing for Blocking Service for a business customer with more than 200 lines will be based on the costs incurred by Company to provide the service.

Connection charges apply as specified in Section 3 of this tariff.

CURRENT RATES

Section 4 - SUPPLEMENTAL SERVICES (cont'd)

4.6 CUSTOMIZED NUMBER SERVICE

Set-up Charges

Business Customer

\$X.XX

CURRENT RATES

Section 4 - SUPPLEMENTAL SERVICES (cont'd)

4.7 MISCELLANEOUS FEATURES

	<u>Business</u>	<u>S&E</u>
Regular Multiline Hunting, per line	\$25.00 per month	YHTG
Automatic Busy Redial - *66	\$X.XX per month	
	\$X.XX per activation	
Last Call Return - *69	\$X.XX per month	
	\$X.XX per activation	
Customer Originated Trace	\$X.XX per month	
Remote Call Forwarding, each path	\$X.XX per month	
 <u>Per Line, Per Month:</u>		
- Connection Charge	\$X.XX	
- Call Forwarding	\$2.50	YCC02
- Call Forwarding – Busy Line	\$5.00	YCC04
- Call Forwarding – Don’t Answer		
- Call Forwarding – Variable		
- Call Waiting/Cancel Call Waiting		YCC08
Distinctive Ringing		
1st Additional Number	\$X.XX	
2nd Additional Number	\$X.XX	
Speed Calling		
8 Number List	\$2.50	YCC12
30 Number List	\$5.00	YCC13
- Anonymous Call Rejection	\$X.XX	
- Call ID – Name and Number	\$7.00	YCC46
- Call Waiting ID with Name	\$3.50	YCC54
- Selective Call Rejection	\$X.XX	
- Voice Mail Basic	\$8.00	YCAB
- Preferred Call Forwarding	\$X.XX	
- Message Waiting Indication	\$X.XX	
- 3-Way Calling/Use	\$3.50	YCC14
- Remote Call Forwarding	\$X.XX	
- All Features	\$XX.XX	

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CURRENT RATES

Section 4 – SUPPLEMENTAL SERVICES (cont'd)

4.8 DIRECTORY LISTINGS

S&E

Primary Service Listing N/C

Additional Name Listings
in alphabetical section only \$1.10

YAL

Foreign Directory Listing per line \$1.00

YFAL

Non-listed Telephone Number per listing \$0.75

YNLI

Non-published Telephone Number per listing \$1.50

YNPL

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CTC EXCHANGE SERVICES, INC.
P.O. BOX 227
CONCORD, NC 28026-0227

CURRENT RATES

Section 5 - NETWORK SWITCHED SERVICES

5.1 Basic Business Line Service

Monthly Recurring Charges:

- Each Service Line	\$35.50
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Issued: SEPTEMBER 10, 1999

Effective: JANUARY 1, 2000

CTC EXCHANGE SERVICES, INC.
P.O. BOX 227
CONCORD, NC 28026-0227

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE

6.2 Local Channels

**6.2.1 Voice Grade
Per point of termination**

Voice

	Monthly Rate	Nonrecurring Charge First	Additional
Type 2230	\$XX.XX	\$XX.XX	\$XX.XX
Type 2231	\$XX.XX	\$XX.XX	\$XX.XX
Type 2432	\$XX.XX	\$XX.XX	\$XX.XX
Type 2434	\$XX.XX	\$XX.XX	\$XX.XX
Type 2435	\$XX.XX	\$XX.XX	\$XX.XX
Type 2261	\$XX.XX	\$XX.XX	\$XX.XX
Type 2462	\$XX.XX	\$XX.XX	\$XX.XX

Data

Type 2260	\$XX.XX	\$XX.XX	\$XX.XX
Type 2463	\$XX.XX	\$XX.XX	\$XX.XX
Type 2464	\$XX.XX	\$XX.XX	\$XX.XX

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE

6.2 Interoffice Channels¹

Fixed and Mileage Charges applicable

6.2.1 Voice Grade Service – Series 2000

	Fixed Monthly Charge	Monthly Charge Per Mile	Nonrecurring Charge Per Channel
1 thru 8 Miles	\$XX.XX	\$X.XX	\$XXX.XX
9 thru 25 Miles	\$XX.XX	\$X.XX	\$XXX.XX
Over 25 Miles	\$XX.XX	\$X.XX	\$XXX.XX

Note: For method of determining mileage, See Section 6

Issued: SEPTEMBER 10, 1999

Effective: JANUARY 1, 2000

CTC EXCHANGE SERVICES, INC.
P.O. BOX 227
CONCORD, NC 28026-0227

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE

6.2 Optional Features and Functions

Bridging

Bridging charges are applicable where more than two Local Channels, or one or more Local Channels and more than one Interoffice Channel, or more than one Local Channel and one Interoffice Channel are bridged or hubbed at the same wire center. No additional bridging charges are applicable for Series 1000, Types 1204 and 1205.

Voice Grade Bridges (Series 2000)

Voice Bridging

Per Port

	Monthly Rate	Nonrecurring Charge
Two-Wire (Type 2230)	\$XX.XX	\$XX.XX
Four-Wire (Type 2435)	\$XX.XX	\$XX.XX

Data Bridging

Per Port

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE

6.2 Optional Features and Functions (Cont'd)

Bridging (Cont'd)

Voice Grade Bridges (Series 2000) (Cont'd)

Addressable Arrangement

	Monthly Rate	Nonrecurring Charge
Common Equipment	\$XXX.XX	\$XXX.XX

Channel Connections

Per two-wire connection	\$XX.XX	\$XX.XX
Per four-wire connection	\$XX.XX	\$XX.XX

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CTC EXCHANGE SERVICES, INC.
P.O. BOX 227
CONCORD, NC 28026-0227

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE

6.4.2 Signaling Arrangements

Signaling arrangements are provided at the customer’s option to arrange channels for suitable signaling. Signaling is required on all off-premises extension channels and tie line channels associated with PBX (or similar) systems.

Per local channel

	Monthly Rate	Nonrecurring Charge	
		Initial	Subsequent
Ringdown-Manual	\$XX.XX	\$XX.XX	\$XX.XX
Ringdown-Automatic	\$XX.XX	\$XX.XX	\$XX.XX
E&M Type	\$XX.XX	\$XX.XX	\$XX.XX
Type A (0-199 ohms)	\$XX.XX	\$XX.XX	\$XX.XX
Type B (200-899 ohms)	\$XX.XX	\$XX.XX	\$XX.XX
Type C (900 or more ohms)	\$XX.XX	\$XX.XX	\$XX.XX

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CURRENT RATES

Section 6 – PRIVATE LINE SERVICE

6.2 Optional Features and Functions (Cont'd)

Conditioning (Voice Grade Services)

Conditioning provides more specific transmission characteristics for data services. There are two types of C-conditioning and one type of D-conditioning, each with different technical specifications. C-Type conditioning controls attenuation distortion and envelope delay distortion. D-Type conditioning controls the signal to C-notched noise ratio and intermodulation distortion.

Conditioning is charged for on a per Local Channel basis for two-point and multi-point service. For two-point services the parameters apply to each service. For multipoint services the parameters apply to any path between any two service points.

The types and description of the available conditioning options are as follows:

Type Conditioning	Frequency Response Specification	Envelope Delay Distortion Specification	
C1 (two-point or multipoint)	300-2700 Hz, -2db to +6dB. 1000-2400 Hz, -1dB to +3dB. 300-3000 Hz, -3dB to +12dB.	1000-2400 Hz, less than 1000 microseconds	
C2 (two-point or multipoint)	300-3000 Hz, -3dB to +6dB. 500-2800 Hz, -dB to +3dB.	1000-2600 Hz, less than 500 microseconds 600-2600 Hz, less than 1500 microseconds 500-2800 Hz, less than 3000 microseconds	
		Non-Linear Distortion	
	C-Notched Noise	2nd Order Distortion	3rd Order Distortion
D1 (two-point)	Noise level 28dB below signal level	35dB below signal level	40dB below signal level

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE

6.2 Optional Features and Functions (Cont'd)

Conditioning (Voice Grade Services) (Cont'd)

When a channel is equipped with Type D1 conditioning and is utilized for voice communications, the Company does not undertake to represent that the channel will be suitable for such voice transmission.

C-Type Conditioning

C-Type Conditioning is available for Types 2463 and 2464.

C-Types of Conditioning per local channel

	Monthly Rate	Nonrecurring Charge	
		Initial	Subsequent
C1-Type	\$X.XX	\$X.XX	\$X.XX
C2-Type	\$X.XX	\$X.XX	\$X.XX

D-Type Conditioning

D-Type Conditioning is available for Types 2463 and 2464.

D-Type Conditioning per local channel

	Monthly Rate	Nonrecurring Charge	
		Initial	Subsequent
D1-Type	\$XX.XX	\$XX.XX	\$XX.XX

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE

6.4 Digital Service

Service wholly within the same LATA.

A Digital Local Channel is furnished between a Serving Wire Center and the customer's premises. The Digital Local Channel charges apply per local channel.

	Nonrecurring Charge		Month	24 to	43 to
	First	Add'l	to	42	60
			Month	Months	Months
2.4 Kbps	\$XXX.XX	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
4.8 Kbps	\$XXX.XX	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
9.6 Kbps	\$XXX.XX	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
19.2 Kbps	\$XXX.XX	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
56.0 Kbps	\$XXX.XX	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX

A Node Channel Termination is required at the Company's Node Central Office. Node Channel Termination per local channel or equivalent, each.

2.4 Kbps	\$XXX.XX	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
4.8 Kbps	\$XXX.XX	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
9.6 Kbps	\$XXX.XX	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
19.2 Kbps	\$XXX.XX	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
56.0 Kbps	\$XXX.XX	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 Digital Service (Cont'd)

Service wholly within the same LATA (Cont'd)

A Digital Interoffice Channel is furnished between a serving wire center and the Node Central Office or between Node Central Offices. Digital Interoffice mileage is portrayed in bands. The appropriate mileage band for calculating interoffice mileage rates is determined by the total length in miles of that interoffice channel. A flat rate and a rate per mile apply to each band,¹ for each Digital Interoffice Channel provided.

Interoffice channel, each channel 0-8 miles

Fixed rates applicable

	Nonrecurring Charge	Month to Month	24 to 42 Months	43 to 60 Months
2.4, 4.8, 9.6 and 19.2 Kbps	\$XX.XX	\$XX.XX	\$XX.XX	\$XX.XX
56.0 Kbps	\$XX.XX	\$XX.XX	\$XX.XX	\$XX.XX

Each mile or fraction thereof

	Nonrecurring Charge	Month to Month	24 to 42 Months	43 to 60 Months
2.4, 4.8, 9.6 and 19.2 Kbps	\$XX.XX	\$X.XX	\$X.XX	\$X.XX
56.0 Kbps	\$XX.XX	\$X.XX	\$X.XX	\$X.XX

Note 1: Refer to the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4 for mileage measurement methodology and wire center Vertical (V) and Horizontal (H) coordinates.

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.4 Digital Service (Cont'd)

Service wholly within the same LATA (Cont'd)

Interoffice channel, each channel 9-25 miles

Fixed rates applicable

	Nonrecurring Charge	Month to Month	24 to 42 Months	43 to 60 Months
2.4, 4.8, 9.6 and 19.2 Kbps	\$XX.XX	\$XX.XX	\$XX.XX	\$XX.XX
56.0 Kbps	\$XX.XX	\$XX.XX	\$XX.XX	\$XX.XX

Each mile or fraction thereof

2.4, 4.8, 9.6 and 19.2 Kbps	\$XX.XX	\$X.XX	\$X.XX	\$X.XX
56.0 Kbps	\$XX.XX	\$X.XX	\$X.XX	\$X.XX

Interoffice channel, each channel over 25 miles

Fixed rates applicable

2.4, 4.8, 9.6 and 19.2 Kbps	\$XX.XX	\$XX.XX	\$XX.XX	\$XX.XX
56.0 Kbps	\$XX.XX	\$XX.XX	\$XX.XX	\$XX.XX

Each mile or fraction thereof

2.4, 4.8, 9.6 and 19.2 Kbps	\$XX.XX	\$X.XX	\$X.XX	\$X.XX
56.0 Kbps	\$XX.XX	\$X.XX	\$X.XX	\$X.XX

Note 1: Refer to the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4 for mileage measurement methodology and wire center Vertical (V) and Horizontal (H) coordinates.

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CURRENT RATES

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.5 Frame Relay Service

Customer Connection to Frame Relay Service

A minimum of one Customer Connection is required per customer to subscribe to Frame Relay Service. Each Customer Connection includes one DLCI (Provisioning USOC: XAFD1).

	Nonrecurring Charge	Month To Month	A 12 to 36 Months	B 37 to 60 Months
At 56 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 64 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 112 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 128 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 192 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 256 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 320 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 384 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 448 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 512 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 576 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 640 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 704 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 768 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 1024 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 1152 Kbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 1.536 Mbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX
At 44.210 Mbps	\$XXX.XX	\$XX.XX	\$XXX.XX	\$XXX.XX

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.5 Frame Relay Service

Back-Up Capability

On an optional basis a customer may choose to have Back-Up Capability for his Frame Relay Service. A minimum of one Back-Up Frame Relay Customer Connection is required in order to have Back-Up Capability. (Provisioning Basic Class of Service: FPLBN)

Back-Up Frame Relay Customer Connection

	Nonrecurring Charge	Month To Month	A 12 to 36 Months	B 37 to 60 Months
At 56 Kbps	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
At 64 Kbps	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
At 1.536 Mbps	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX
At 44.210 Mbps	\$XXX.XX	\$XX.XX	\$XX.XX	\$XX.XX

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CURRENT RATES

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.5 Frame Relay Service

Frame Relay Service Feature Charges

DLCI

Additional

Per Customer Connection

	Nonrecurring Charge	Monthly Rate
Each	\$XX.XX	\$X.XX

Committed Information Rate (CIR)

The chosen CIR cannot exceed the minimum transmission speed of the link at either end of the PVC.

Per DLCI

0 Kbps	\$XX.XX	\$XX.XX
1 thru 32 Kbps	\$XX.XX	\$XX.XX
33 thru 56 Kbps	\$XX.XX	\$XX.XX
57 thru 64 Kbps	\$XX.XX	\$XX.XX
65 thru 128 Kbps	\$XX.XX	\$XX.XX
129 thru 256 Kbps	\$XX.XX	\$XX.XX
257 thru 384 Kbps	\$XX.XX	\$XX.XX
385 thru 512 Kbps	\$XX.XX	\$XX.XX
513 thru 768 Kbps	\$XX.XX	\$XX.XX
769 Kbps thru 1.536	\$XX.XX	\$XX.XX
1.537 thru Mbps	\$XX.XX	\$XX.XX
4.1 thru 10 Mbps	\$XX.XX	\$XX.XX
10.1 thru 16 Mbps	\$XX.XX	\$XX.XX
16.1 thru 34 Mbps	\$XX.XX	\$XX.XX
34.1 thru 44.210 Mbps	\$XX.XX	\$XX.XX

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P.O. BOX 227
CONCORD, NC 28026-0227

CURRENT RATES

Section 6 – PRIVATE LINE SERVICE (Cont'd)

6.5 Frame Relay Service

Frame Relay Service Feature Charges (Cont'd)

Feature Change Charge

	Nonrecurring Charge	Monthly Rate
Per occurrence, per feature	\$XX.XX	\$XX.XX

Inter-Network Serving Area Link

Per End of Link

Link

Per establishment	\$XX.XX	\$XX.XX
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CIR

0 thru 32 Kbps	\$XX.XX	\$XX.XX
33 thru 56 Kbps	\$XX.XX	\$XX.XX
57 thru 64 Kbps	\$XX.XX	\$XX.XX
65 thru 128 Kbps	\$XX.XX	\$XX.XX
129 thru 256 Kbps	\$XX.XX	\$XX.XX
257 thru 384 Kbps	\$XX.XX	\$XX.XX
385 thru 512 Kbps	\$XX.XX	\$XX.XX
513 thru 768 Kbps	\$XX.XX	\$XX.XX
769 Kbps thru 1.536 Mbps	\$XX.XX	\$XX.XX
1.537 thru 4 Mbps	\$XX.XX	\$XX.XX
4.1 thru 1- Mbps	\$XX.XX	\$XX.XX
10.1 thru 16 Mbps	\$XX.XX	\$XX.XX
16.1 thru 34 Mbps	\$XX.XX	\$XX.XX
34.1 thru 44.210 Mbps	\$XX.XX	\$XX.XX

CURRENT RATES

Section 10 – BILLING AND COLLECTION

10.1 Billing Name and Address Service

Service Establishment Charge:	\$X,XXX.XX
Query Charge Per Telephone Number	\$X.XX

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P.O. BOX 227
CONCORD, NC 28026-0227