

Massachusetts  
Telecommunications Service Tariff  
of  
**DSCI LLC**

This tariff contains the rates, charges, terms and conditions of service for resold local exchange telecommunications services provided by DSCI LLC ("DSCI"), between locations within the State of Massachusetts. This tariff is on file with the Massachusetts Department of Telecommunications and Energy. Copies may be inspected during normal business hours at the Company's place of business.

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Issued: February 20, 2016

Effective: March 27, 2016

Issued by: Sean M. Dandley, CEO  
DSCI LLC  
303 Wyman Street  
Waltham, Massachusetts 02451

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**EXPLANATION OF SYMBOLS**

- (C) To signify changed listing, rule, or condition which may affect rates or charges.
- (D) To signify discontinued material, including listing, rate, rule, or condition.
- (I) To signify an increase.
- (M) To signify material relocated from or to another part of tariff schedule with no change in text, rate, rule or condition.
- (N) To signify new material including listing, rate, rule or condition.
- (R) To signify reduction.
- (S) To signify reissued material.
- (T) To signify change in wording of text but not change in rate, rule, or condition.

**APPLICATION OF TARIFF**

This tariff sets forth the service offerings, rates, terms and conditions applicable to the provision of competitive local exchange service and long distance telecommunications services by DSCI LLC ("DSCI"), hereinafter referred to as the Company, to Customers within the Commonwealth of Massachusetts. DSCI's services are furnished subject to the availability of facilities and subject to the terms and conditions set forth herein.

For services rendered to residential Customers, the Company agrees to comply with the requirements as set forth in M.D.T.C 18448, *Rules and Practices Relating to Telephone Service to Residential Customers*.

This tariff is on file with the Massachusetts Department of Telecommunications and Energy. In addition, this tariff is available for review at the main office of DSCI LLC, at 303 Wyman Street, Waltham, Massachusetts 02451.

**SERVICE AREA MAP**

DSCI LLC will provide intrastate toll service through the State of Massachusetts and local exchange service in areas currently serviced by Verizon-East. Local calling areas are as defined in Section 3 of this tariff.

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**TARIFF FORMAT**

A. Page Numbering – Page numbers appear in the upper right corner of the page. Pages are numbered sequentially. However, new pages are occasionally added to the tariff. When a new page is added between pages already in effect, a decimal is added. For example, a new page added between pages 14 and 15 would be 14.1.

B. Page Revision Numbers – Revision numbers also appear in the upper right corner of each page. These numbers are used to determine the most current page version on file with the Department. For example, the 4th revised Page 14 cancels the 3rd revised Page 14. Because of various suspension periods, deferrals, etc., the most current page number on file with the Department is not always the tariff page in effect. Consult the Check Sheet for the page currently in effect.

C. Paragraph Numbering Sequence – There are nine levels of paragraph coding. Each level of coding is subservient to its next higher level:

2.  
2.1.  
2.1.1.  
2.1.1.A.  
2.1.1.A.1.  
2.1.1.A.1.(a).  
2.1.1.A.1.(a).I.  
2.1.1.A.1.(a).I.(i).  
2.1.1.A.1.(a).I.(i).(1).

D. Check Sheets – When a tariff filing is made with the Department, an updated Check Sheet accompanies the tariff filing. The Check Sheet lists the pages contained in the tariff, with a cross reference to the current revision number. When new pages are added, the Check Sheet is changed to reflect the revision. All revisions made in a given filing are designated by an asterisk (\*). There will be no other symbols used on this page if these are the only changes made to it (i.e., the format, etc., remain the same, just revised revision levels on some pages). The tariff user should refer to the latest Check Sheet to find out if a particular page is the most current on file with the Department.

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**SECTION 1 – DEFINITIONS**

**Access Line** – An arrangement from a local exchange telephone company or other common carrier, using either dedicated or switched access, which connects a Customer's location to Carrier's location or switching center.

**Account** – A Company accounting category containing up to two (2) residential local exchange access lines billed to the same Customer at the same address. The second or non-primary local exchange access line will share any call allowance of the primary local exchange access line. The second or non-primary local exchange access line, therefore, will not be provisioned to include a separate call allowance structure. No features are provided with the second or non-primary local exchange access line.

**Account Codes** – Permits Centrex Stations and attendants to dial an account code number of up to eight digits. For use when placing calls over facilities arranged for Automatic Message Accounting (AMA) recording. The account or project number must be input prior to dialing the called number.

**Advance Payment** – Part or all of a payment required before the start of service.

**Authorization Code** – A numerical code, one or more of which may be assigned to a Customer, to enable Carrier to identify the origin of service of the Customer so it may rate and bill the call. All authorization codes shall be the sole property of Carrier and no Customer shall have any property or any other right or interest in the use of any particular authorization code. Automatic numbering identification (ANI) may be used as or in connection with the authorization code.

**Authorized User** – A person, firm or LLC authorized by the Customer to be an end-user of the service of the Customer.

**Automatic Numbering Identification (ANI)** – A type of signaling provided by a local telephone company which automatically identifies the local exchange line from which a call originates.

**Common Carrier** – An authorized company or entity providing telecommunications services to the public.

**Company** – DSCI LLC, the issuer of this tariff.

**Customer** – The person, firm or LLC that orders service and is responsible for payment of charges and compliance with the terms and conditions of this tariff.

**Customer Premises** – A location designated by the Customer for the purposes of connecting to the Company's services.

**Customer Terminal Equipment** – Terminal equipment provided by the Customer.

**DSCI** – DSCI LLC, issuer of this tariff.

**Department** – Massachusetts Department of Telecommunications and Energy.

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**SECTION 1 – DEFINITIONS (CONT'D)**

Deposit – Refers to a cash or equivalent of cash security held as a guarantee for payment of the charges.

End Office – The LEC switching system office or serving wire center where Customer station loops are terminated for purposes of interconnection to each other and/or to trunks.

Equal Access – A form of dialed access provided by local exchange companies whereby interexchange calls dialed by the Customer are automatically routed to the Company's network. Presubscribed Customers may also route interexchange calls to the Company's network by dialing an access code supplied by the Company.

Exchange Telephone Company or Telephone Company – Denotes any individual, partnership, association, joint-stock company, trust, or LLC authorized by the appropriate regulatory bodies to engage in providing public switched communication service throughout an exchange area, and between exchange areas within the LATA.

ICB – Individual Case Basis.

IXC or Interexchange Carrier – A long distance telecommunications service provider.

Interruption – The inability to complete calls due to equipment malfunctions or human errors. Interruption shall not include, and no allowance shall be given for service difficulties such as slow dial tone, circuits busy or other network and/or switching capability shortages. Nor shall Interruption include the failure of any service or facilities provided by a common carrier or other entity other than the Carrier. Any interruption allowance provided within this Tariff by Carrier shall not apply where service is interrupted by the negligence or willful act of the Customer, or where the Carrier, pursuant to the terms of this Tariff, terminates service because of non-payment of bills, unlawful or improper use of the Carrier's facilities or service, or any other reason covered by this Tariff or by applicable law.

LATA – A Local Access and Transport Area established pursuant to the Modification of Final Judgment entered by the United States District Court for the District of Columbia in Civil Action No. 82-0192; or any other geographic area designed as a LATA in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4, or its successor tariff(s).

LEC – Local Exchange Company refers to the dominant, monopoly local telephone company in the area also served by the Company.

Monthly Recurring Charges – The monthly charges to the Customer for services, facilities and equipment, which continue for the agreed upon duration of the service.

MOU – Minutes of Use.

NECA – National Exchange Carriers Association.

Non-Recurring Charge ("NRC") – The initial charge, usually assessed on a one-time basis, to initiate and establish service.



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**SECTION 1 – DEFINITIONS (CONT'D)**

PBX – Private Branch Exchange.

PIN – Personal Identification Number. See Authorization Code.

Point of Presence (“POP”) – Point of Presence.

Recurring Charges – Monthly charges to the Customer for services, and equipment, which continues for the agreed-upon duration of the service.

Service – Any means of service offered herein or any combination thereof.

Service Order – The written request for Company services executed by the Customer and the Company in the format devised by the Company. The signing of a Service Order Form by the Customer and acceptance by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff.

Serving Wire Center – A specified geographic point from which the vertical and horizontal coordinate is used in calculation of airline mileage.

Shared Inbound Calls – Refers to calls that are terminated via the Customer’s Company-provided local exchange line.

Shared Outbound Calls – Refers to calls in Feature Group (FGD) exchanges whereby the Customer’s local telephone lines are presubscribed by the Company to the Company’s outbound service such that “1 + 10-digit number” calls are automatically routed to the Company’s or an IXC’s network. Calls to stations within the Customer’s LATA may be placed by dialing “10XXX” or 101XXXX” with a “1+10-digit number.”

Station – The network control signaling unit and any other equipment provided at the Customer’s premises which enables the Customer to establish communications connections and to effect communications through such connections.

Subscriber – The person, firm, partnership, LLC, or other entity who orders telecommunications service from DSCI. Service may be ordered by, or on behalf of, those who own, lease or otherwise manage the pay telephone, PBX, or other switch vehicle from which an End User places a call utilizing the services of the Company.

Switched Access Origination/Termination – Where access between the Customer and the interexchange carrier is provided on local exchange company Feature Group circuits and the connection to the Customer is a LEC-provided business or residential access line. The cost of switched Feature Group access is billed to the interexchange carrier.

Terminal Equipment – Any telecommunications equipment other than the transmission or receiving equipment installed at a Company location.

Usage Charges – Charges for minutes or messages traversing over local exchange facilities.

User or End User – A Customer, Joint User or any other person authorized by a Customer to use service provided under this tariff.

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**SECTION 2 – RULES AND REGULATIONS****2.1 Undertaking of the Company****2.1.1 Scope**

The Company undertakes to furnish communications service pursuant to the terms of this tariff in connection with one-way and/or two-way information transmission between points within the State of Massachusetts.

The Company is responsible under this tariff only for the services and facilities provided hereunder, and it assumes no responsibility for any service provided by any other entity that purchases access to the Company network in order to originate or terminate its own services, or to communicate with its own customers.

For services rendered to residential Customers, the Company agrees to comply with the requirements as set forth in M.D.T.C 18448, *Rules and Practices Relating to Telephone Service to Residential Customers*.

**2.1.2 Shortage of Equipment or Facilities**

- A.** The Company reserves the right to limit or to allocate the use of existing facilities, or of additional facilities offered by the Company, when necessary because of lack of facilities, or due to some other cause beyond the Company's control.
- B.** The furnishing of service under this tariff is subject to the availability on a continuing basis of all the necessary facilities and is limited to the capacity of the Company's facilities as well as facilities the Company may obtain from other carriers to furnish service from time to time as required at the sole discretion of the Company.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.1 Undertaking of the Company (Cont'd)****2.1.3 Terms and Conditions**

- A. Service is provided on the basis of a minimum period of at least thirty (30) days, 24 hours per day. For the purpose of computing charges in this tariff, a month is considered to have 30 days.
- B. Except as otherwise stated in this tariff, Customers may be required to enter into written service orders which shall contain or reference a specific description of the service ordered, the rates to be charged, the duration of the services, and the terms and conditions in this tariff. Customers will also be required to execute any other documents as may be reasonably requested by the Company.
- C. At the expiration of the initial term specified in each Service Order, or in any extension thereof, service shall continue on a month-to-month basis at the then current rates unless terminated by either party upon notice. Any termination shall not relieve the Customer of its obligation to pay any charges incurred under the service order and this tariff prior to termination. The rights and obligations which by their nature extend beyond the termination of the term of the service order shall survive such termination.
- D. In any action between the parties to enforce any provision of this tariff, the prevailing party shall be entitled to recover its legal fees and court costs from the non-prevailing party in addition to other relief a court may award.
- E. Service may be terminated upon written notice to the Customer if:
  - 1. the Customer is using the service in violation of the tariff; or
  - 2. the Customer is using the service in violation of the law.
- F. This tariff shall be interpreted and governed by the laws of the Commonwealth of Massachusetts regardless of its choice of laws provision.
- G. Any other Telephone Company may not interfere with the right of any person or entity to obtain service directly from the Company. No person or entity shall be required to make any payment, incur any penalty, monetary or otherwise, or purchase any services in order to have the right to obtain service directly from the Company.
- H. To the extent that either the Company or any other telephone company exercises control over available cable pairs, conduit, duct space, raceways, or other facilities needed by the other to reach a person or entity, the party exercising such control shall make them available to the other on terms equivalent to those under which the Company makes similar facilities under its control available to its customers. At the reasonable request of either party, the Company and the other telephone company shall join the attempt to obtain from the owner of the property access for the other party to serve a person or entity.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.1 Undertaking of the Company (Cont'd)****2.1.4 Limitations on Liability**

- A. Except as otherwise stated in this section, the liability of the Company for damages arising out of either: (1) the furnishing of its services, including, but not limited to, mistakes, omissions, interruptions, delays, or errors, or other defects, representations, or use of these services; or (2) the failure to furnish its service, whether caused by acts or omission, shall be limited to the extension of allowances to the Customer for interruptions in service as set forth in Section 2.6.
- B. Except for the extension of allowances to the Customer for interruptions in service as set forth in Section 2.6, the Company shall not be liable to a Customer or third party for any direct, indirect, special, incidental, reliance, consequential, exemplary or punitive damages, including, but not limited to, loss of revenue or profits, for any reason whatsoever, including, but not limited to, any act or omission, failure to perform, delay, interruption, failure to provide any service or any failure in or breakdown of facilities associated with the service.
- C. The liability of the Company for errors in billing that results in overpayment by the Customer shall be limited to a credit equal to the dollar amount erroneously billed or, in the event that payment has been made and service has been discontinued, to a refund of the amount erroneously billed.
- D. The Company shall be indemnified and saved harmless by the Customer from and against all loss, liability, damage and expense, including reasonable counsel fees, due to:
  - 1. Any act or omission of: (a) the Customer; (b) any other entity furnishing service, equipment or facilities for use in conjunction with services or facilities provided by the Company; or (c) common carriers or warehousemen, except as contracted by the Company;
  - 2. Any delay or failure of performance or equipment due to causes beyond the Company's control, including but not limited to, acts of God, fires, floods, earthquakes, hurricanes, or other catastrophes; national emergencies, insurrections, riots, wars or other civil commotions; strikes, lockouts, work stoppages or other labor difficulties; criminal actions taken against the Company; unavailability, failure or malfunction of equipment or facilities provided by the Customer or third parties; and any law, order, regulation or other action of any governing authority or agency thereof;
  - 3. Any unlawful or unauthorized use of the Company's facilities and services;
  - 4. Libel, slander, invasion of privacy or infringement of patents, trade secrets, or copyrights arising from or in connection with the material transmitted by means of Company-provided facilities or services; or by means of the combination of Company-provided facilities or services;
  - 5. Breach in the privacy or security of communications transmitted over the Company's facilities;

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.1 Undertaking of the Company (Cont'd)****2.1.4 Limitations on Liability (Cont'd)****D. (Cont'd)**

6. Changes in any of the facilities, operations or procedures of the Company that render any equipment, facilities or services provided by the Customer obsolete, or require modification or alteration of such equipment, facilities or services, or otherwise affect their use or performance, except where reasonable notice is required by the Company and is not provided to the Customer, in which event the Company's liability is limited as set forth in paragraph A. of this Subsection 2.1.4;
7. Defacement of or damage to Customer premises resulting from the furnishing of services or equipment on such premises or the installation or removal thereof;
8. Injury to property or injury or death to persons, including claims for payments made under Workers' Compensation law or under any plan for employee disability or death benefits, arising out of, or caused by, any acts or omission of the Customer, or the construction, installation, maintenance, presence, use or removal of the Customer's facilities or equipment connected, or to be connected to the Company's facilities;
9. Any noncompletion of calls due to network busy conditions;
10. Any calls not actually attempted to be completed during any period that service is unavailable;
11. And any other claim resulting from any act or omission of the Customer or patron(s) of the Customer relating to the use of the Company's services or facilities.

- E. The Company does not guarantee nor make any warranty with respect to installations provided by it for use in an explosive atmosphere.
- F. The Company makes no warranties or representations, EXPRESS OR IMPLIED, either in fact or by operation of law, statutory or otherwise, including warranties of merchantability or fitness for a particular use, except those expressly set forth herein.
- G. Failure by the Company to assert its rights pursuant to one provision of this rate sheet does not preclude the Company from asserting its rights under other provisions.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.1 Undertaking of the Company (Cont'd)****2.1.4 Limitations on Liability (Cont'd)**

- H. Directory Errors – In the absence of gross negligence or willful misconduct, no liability for damages arising from errors or mistakes in or omissions of directory listings, or errors or mistakes in or omissions of listing obtainable from the directory assistance operator, including errors in the reporting thereof, shall attach to the Company. An allowance for errors or mistakes in or omissions of published directory listings or for errors or mistakes in or omissions of listing obtainable from the directory assistance operator shall be at the monthly tariff rate for each listing, or in the case of a free or no-charge directory listing, credit shall equal two times the monthly tariff rate for an additional listing, for the life of the directory or the charge period during which the error, mistake or omission occurs.
- I. With respect to Emergency 911 Service:
1. This service is offered solely as an aid in handling assistance calls in connection with fire, police and other emergencies. The Company is not responsible for any losses, claims, demands, suits or any liability whatsoever, whether suffered, made, instituted or asserted by the Customer or by any other party or person for any personal injury or death of any person or persons, and for any loss, damage or destruction of any property, whether owned by the Customer or others, caused or claimed to have been caused by: (1) mistakes, omissions, interruptions, delays, errors or other defects in the provision of service, of (2) installation, operation, failure to operate, maintenance, removal, presence, condition, local or use of any equipment and facilities furnishing this service.
  2. Neither is the Company responsible for any infringement, nor 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, occasion or use of emergency 911 service features and the equipment associated therewith, or by any services furnished by the Company, 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 emergency 911 service, and which arise out of the negligence or other wrongful act of the Company, its users, agencies or municipalities, or the employees or agents of any one of them.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.1 Undertaking of the Company (Cont'd)****2.1.4 Limitations on Liability (Cont'd)****I. With respect to Emergency 911 Service (Cont'd)**

3. When a Customer with a nonpublished telephone number, as defined herein, places a call to the emergency 911 service, the Company will release the name and address of the calling party, where such information can be determined, to the appropriate local government authority responsible for emergency 911 service upon request of such governmental authority. By subscribing to service under this rate sheet, the Customer acknowledges and agrees with the release of information as described above.

**2.1.5 Notification of Service-Affecting Activities**

The Company will provide the Customer reasonable notification of service-affecting activities that may occur in normal operation of its business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements and routine preventative maintenance. Generally, such activities are not specific to an individual Customer but affect many Customers' services. No specific advance notification period is applicable to all service activities. The Company will work cooperatively with the Customer to determine the reasonable notification requirements. With some emergency or unplanned service-affecting conditions, such as an outage resulting from cable damage, notification to the Customer may not be possible.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.1 Undertaking of the Company (Cont'd)****2.1.5 Provision of Equipment and Facilities**

- A. The Company shall use reasonable efforts to make available services to a Customer on or before a particular date, subject to the provisions of and compliance by the Customer with, the regulations contained in this tariff. The Company does not guarantee availability by any such date and shall not be liable for any delays in commencing service to any customer.
- B. The Company shall use reasonable efforts to maintain only the facilities and equipment that it furnishes to the Customer. The Customer may not, nor may the Customer permit others to, rearrange, disconnect, remove, attempt to repair, or otherwise interfere with any of the facilities or equipment installed by the Company, except upon the written consent of the Company.
- C. The Company may substitute, change or rearrange any equipment or facility at any time and from time to time, but shall not thereby alter the technical parameters of the service provided by the Customer.
- D. Equipment the Company provides or installs at the Customer Premises for use in connection with the services the Company offers shall not be used for any purpose other than that for which it was provided.
- E. The Customer shall be responsible for the payment of service charges as set forth herein for visits by the Company's agents or employees to the Premises of the Customer when the service difficulty or trouble report results from the use of equipment or facilities provided by any other party other than the Company, including, but not limited to, the Customer.
- F. The Company shall not be responsible for the installation, operation, or maintenance of any Customer-provided communications equipment. Where such equipment is connected to the facilities furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of facilities offered under this tariff and to the maintenance and operation of such facilities. Subject to this responsibility, the Company shall not be responsible for:
  - (1) the transmission of signals by Customer-provided equipment or for the quality of, or defects in, such transmission; or
  - (2) the reception of signals by Customer-provided equipment.



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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.1 Undertaking of the Company (Cont'd)****2.1.6 Non-routine Installation**

At the Customer's request, installation and/or maintenance may be performed outside the Company's regular business hours or in hazardous locations. In such cases, charges based on cost of the actual labor, material, or 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 hours may apply.

**2.1.7 Special Construction**

Subject to the agreement of the Company and to all of the regulations contained in this tariff, special construction of facilities may be undertaken on a reasonable efforts basis at the request of the Customer. Special construction is that construction undertaken:

- A. where facilities are not presently available, and there is no other requirement for the facilities so constructed;
- B. of a type other than that which the Company would normally utilize in the furnishing of its services;
- C. over a route other than that which the Company would normally utilize in the furnishing of its services;
- D. in a quantity greater than that which the Company would normally construct;
- E. on an expedited basis;
- F. on a temporary basis until permanent facilities are available;
- G. involving abnormal costs; or
- H. in advance of its normal construction.

**2.1.8 Ownership of Facilities**

Title to all facilities provided in accordance with this tariff remains in the Company, its partners, agents, contractors or suppliers.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.2 Prohibited Uses**

- 2.2.1 The services the Company offers shall not be used for any unlawful purpose or for any use as to which the Customer has not obtained all required governmental approvals, authorizations, licenses, consents and permits.
- 2.2.2 The Company may require applicants for service who intend to use the Company's offerings for resale and/or for shared use to file a letter with the Company confirming that their use of the Company's offerings complies with relevant laws and Department regulations, policies, orders, and decisions.
- 2.2.3 The Company may block any signals being transmitted over its Network by Customers which cause interference to the Company or other users. Customer shall be relieved of all obligations to make payments for charges relating to any blocked Service and shall indemnify the Company for any claim, judgment or liability resulting from such blockage.
- 2.2.4 A customer, joint user, or authorized user may not assign, or transfer in any manner, the service or any rights associated with the service without the written consent of the Company. The Company will permit a Customer to transfer its existing service to another entity if the existing Customer has paid all charges owed to the Company for regulated communications services. Such a transfer will be treated as a disconnection of existing service and installation of new service, and non-recurring installation charges as stated in this tariff will apply.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.3 Obligations of the Customer****2.3.1 General**

The Customer is responsible for making proper application for service; placing any necessary order, complying with tariff regulations; payment of charges for services provided. Specific Customer responsibilities include, but are not limited to the following:

- A. the payment of all applicable charges pursuant to this tariff;
- B. damage to or loss of the Company's facilities or equipment caused by the acts of omissions of the Customer; or the noncompliance by the Customer, with these regulations; or by fire or theft or other casualty on the Customer Premises, unless caused by the negligence or willful misconduct of the employees or agents of the Company;
- C. providing at no charge, as specified from time to time by the Company, any needed personnel, equipment space and power to operate Company facilities and equipment installed on the premises of the Customer, and the level of heating and air conditioning necessary to maintain the proper operating environment on such premises;
- D. obtaining, maintaining, and otherwise having full responsibility for all rights-of-way and conduits necessary for installation of fiber optic cable and associated equipment used to provide Communication Services to the Customer from the cable building entrance or property line to the location of the equipment space described in 2.3.1(C.). Any and all costs associated with obtaining and maintaining the rights-of-way described herein, including the costs of altering the structure to permit installation of the Company-provided facilities, shall be borne entirely by, or may be charged by the Company to, the Customer. The Company may require the Customer to demonstrate its compliance with this section prior to accepting an order for service;

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.3 Obligations of the Customer (Cont'd)****2.3.1 General (Cont'd)**

- E. providing a safe place to work and complying with all laws and regulations regarding the working conditions on the premises at which Company employees and agents shall be installing or maintaining the Company's facilities and equipment. The Customer may be required to install and maintain Company facilities and equipment within a hazardous area if, in the Company's opinion, injury or damage to the Company's employees or property might result from installation or maintenance by the Company. The Customer shall be responsible for identifying, monitoring, removing and disposing of any hazardous material (e.g., asbestos) prior to any construction or installation work;
- F. complying with all laws and regulations applicable to, and obtaining all consents, approvals, licenses and permits as may be required with respect to, the location of Company facilities and equipment in any Customer premises or the rights-of-way for which Customer is responsible under Section 2.3.1(D); and granting or obtaining permission for Company agents or employees to enter the premises of the Customer at any time for the purpose of installing, inspecting, maintaining, repairing, or upon termination of service as stated herein removing the facilities or equipment of the Company;
- G. not creating, or allowing to be placed, any liens or other encumbrances on the Company's equipment or facilities; and
- H. making Company facilities and equipment available periodically for maintenance purposes at a time agreeable to both the Company and the Customer. No allowance will be made for the period during which service is interrupted for such purposes.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.3 Obligations of the Customer (Cont'd)****2.3.2 Liability of the Customer**

- A. The Customer will be liable for damages to the facilities of the Company and for all incidental and consequential damages caused by the negligent or intentional acts or omissions of the Customer, its officers, employees, agents, invites, or contractors where such acts or omissions are not the direct result of the Company's negligence or intentional misconduct.
- B. To the extent caused by any negligent or intentional act of the Customer as described in A., preceding, the Customer shall indemnify, defend and hold harmless the Company from and against all claims, actions, damages, liabilities, costs and expenses, including reasonable attorneys' fees, for (1) any loss, destruction or damage to property of any third party, and (2) any liability incurred by the Company to any third party pursuant to this or any other rate sheet of the Company, or otherwise, for any interruption of, interference to, or other defect in any service provided by the Company to such third party.
- C. The Customer shall not assert any claim against any other Customer or user of the Company's services for damages resulting in whole or in part from or arising in connection with the furnishing of service under this rate sheet including, but not limited to, mistakes, omissions, interruptions, delays, errors or other defects or misrepresentations, whether or not such other Customer or user contributed in any way to the occurrence of the damages, unless such damages were caused solely by the negligent or intentional act or omission of the other Customer or user and not by any act or omission of the Company. Nothing in this rate sheet is intended either to limit or to expand Customer's right to assert any claims against third parties for damages of any nature other than those described in the preceding sentence.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.4 Customer Equipment and Channels****2.4.1 General**

A User may transmit or receive information or signals via the facilities of the Company. The Company's services are designed primarily for the transmission of voice-grade telephonic signals, except as otherwise stated in this tariff. A User may transmit any form of signal that is compatible with the Company's equipment, but the Company does not guarantee that its services will be suitable for purposes other than voice-grade telephonic communication except as specifically stated in this tariff.

**2.4.2 Station Equipment**

- A. Terminal equipment on the User's Premises and the electric power consumed by such equipment shall be provided by and maintained at the expense of the User. The User is responsible for the provision of wiring or cable to connect its terminal equipment to the Company Point of Connection.
- B. The Customer is responsible for ensuring that Customer-provided equipment connected to Company equipment and facilities is compatible with such equipment and facilities. The magnitude and character of the voltages and currents impressed on Company-provided equipment and wiring by the connection, operation, or maintenance of such equipment and wiring shall be such as not to cause damage to the Company-provided equipment and wiring or injury to the Company's employees or to other persons. Any additional protective equipment required to prevent such damage or injury shall be provided by the Company at the Customer's expense, subject to prior Customer approval of the equipment expense.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.4 Customer Equipment and Channels (Cont'd)****2.4.3 Interconnection of Facilities**

- A. Any special interface equipment necessary to achieve compatibility between the facilities and equipment of the Company used for furnishing Communication Services and the channels, facilities, or equipment of others shall be provided at the Customer's expense.
- B. Communications Services may be connected to the services or facilities of other communications carriers only when authorized by, and in accordance with, the terms and conditions of the tariffs of the other communications carriers that are applicable to such connections.
- C. Facilities furnished under this tariff may be connected to Customer-provided terminal equipment in accordance with the provisions of this tariff. All such terminal equipment shall be registered by the Federal Communications Commission pursuant to Part 68 of Title 47, Code of Federal Regulations; and all User-provided wiring shall be installed and maintained in compliance with those regulations.
- D. Users may interconnect communications facilities that are used in whole or in part for interstate communications to services provided under this tariff only to the extent that the user is an "End User" as defined in Section 69.2(m), Title 47, Code of Federal Regulations (1992 edition).

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.4 Customer Equipment and Channels (Cont'd)****2.4.4 Inspections**

- A. Upon suitable notification to the Customer, and at a reasonable time, the Company may make such tests and inspections as may be necessary to determine that the Customer is complying with the requirements set forth in Section 2.4.2A. for the installation, operation, and maintenance of Customer-provided facilities, equipment, and wiring in the connection of Customer-provided facilities and equipment to Company-owned facilities and equipment.
- B. If the protective requirements for Customer-provided equipment are not being complied with, the Company may take such action as it deems necessary to protect its facilities, equipment, and personnel. The Company will notify the Customer promptly if there is any need for further corrective action. Within ten days of receiving this notice, the Customer must take this corrective action and notify the Company of the action taken. If the Customer fails to do this, the Company may take whatever additional action is deemed necessary, including the suspension of service, to protect its facilities, equipment and personnel from harm.



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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.5 Payment Arrangements**

Billing and payment for service by residential Customers shall be according to M.D.T.C 18448, *Rules and Practices Relating to Telephone Service to Residential Customers*.

**2.5.1. Payment for Service**

The Customer is responsible for the payment of all charges for facilities and services furnished by the Company to the Customer and to all Authorized Users by the Customer, regardless of whether those services are used by the Customer itself or are resold to or shared with other persons.

The Customer is responsible for payment of any sales, use, gross receipts, excise, access or other local, state, federal and 911 taxes, charges or surcharges (however designated) (excluding taxes on Company's net income) imposed on or based upon the provision, sale or use of Network Services.

The security of the Customer's PIN is the responsibility of the Customer. All calls placed using a PIN shall be billed to and shall be the obligation of the Customer. The Customer shall not be responsible for charges in connection with the unauthorized use of PINs arising after the Customer notifies the Company of the loss, theft, or other breach of security of such PINs.

Customers will only be charged once, on either an interstate or intrastate basis, for any nonrecurring charges.

**2.5.2 Billing and Collection of Charges**

The Customer is responsible for payment of all charges incurred by the Customer or other Authorized Users for services and facilities furnished to the Customer by the Company.

- A. Nonrecurring charges are due and payable within thirty (30) days of receipt of bill, unless otherwise agreed to in advance.
- B. The Company shall present invoices for recurring charges monthly to the Customer, in advance of the month in which service is provided, and Recurring Charges shall be due and payable within thirty (30) days of receipt of bill. When billing is based on customer usage, charges will be billed monthly for the preceding billing periods.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.5 Payment Arrangements (Cont'd)****2.5.2 Billing and Collection of Charges (Cont'd)**

- C. When service does not begin on the first day of the month, or end on the last day of the month, the charge for the fraction of the month in which service was furnished will be calculated on a pro rata basis. For this purpose, every month is considered to have thirty (30) days.
- D. Billing of the Customer by the Company will begin on the Service Commencement Date, which is the first day following the date on which the Company notifies the Customer that the service or facility is available for use, except that the Service Commencement Date may be postponed by mutual agreement of the parties, or if the service or facility is available for use, except that the Service Commencement Date may be postponed by mutual agreement of the parties, or if the service or facility does not conform to standards set forth in this tariff or the Service Order. Billing accrues through and includes the day that the service, circuit, arrangement or component is discontinued.
- E. If any portion of the payment is not received by the Company, or if any portion of the payment is received by the Company in funds that are not immediately available, thirty (30) days following the receipt date of the bill, then a late payment penalty shall be due the Company. The late payment penalty shall be that portion of the payment not received by the date due minus any charges billed as local taxes multiplied by 1.5%. Late payment fees are only applicable to business customers.
- F. The Customer will be assessed a charge of twenty-five dollars (\$25.00) for each check or other payment type submitted by the Customer to the Company that a financial institution refuses to honor.
- G. If service is disconnected by the Company in accordance with Section 2.5.6 following and later restored, restoration of service will be subject to all applicable installation charges.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.5 Payment Arrangements (Cont'd)****2.5.3 Disputed Bills**

- A. In the event that a billing dispute occurs concerning any charges billed to the Customer by the Company, the Company may require the Customer to pay the undisputed portion of the bill to avoid discontinuance of service for non-payment. The Customer must submit a documented claim for the disputed amount. The Customer will submit all documentation as may reasonably be required to support the claim. All claims must be submitted to the Company within 90 days of receipt of billing for those services. If the Customer does not submit a claim as stated above, the Customer waives all rights to filing a claim thereafter.
- B. Unless disputed, the invoice shall be deemed to be correct and payable in full by the Customer. If the Customer is unable to resolve any dispute with the Company, then the Customer may file a complaint with the Consumer Division, Massachusetts Department of Telecommunications and Energy, One South Station, Boston, Massachusetts 02002, Telephone 617-727-3531 or 1-800-392-6066.
- C. If the dispute is resolved in favor of the Customer and the Customer has withheld the disputed amount, no interest credits or penalties will apply.

**2.5.4 Advance Payments**

- A. The Company may require a Customer to make an advance payment before services and facilities are furnished. The advance payment will not exceed an amount equal to the non-recurring charge(s) and one month's charges for the service or facility. In addition, where special construction is involved, the advance payment may also include an amount equal to the estimated non-recurring charges for the special construction and recurring charges (if any) for a period to be set between the Company and the Customer. The advance payment will be credited to the Customer's initial bill. An advance payment may be required in addition to a deposit.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.5 Payment Arrangements (Cont'd)****2.5.5 Deposits****A. Residential Customers**

For deposits required of residential Customers, the Company agrees to comply with the requirements as set forth in M.D.T.C 18448, Rules 4.1-4.8 in the *Rules and Practices Relating to Telephone Service to Residential Customers*.

**B. Commercial Customers**

1. The Company may, in order to safeguard its interests, require a Customer which has a proven history of late payments to the Company or does not have established credit or has a bad credit rating to make a deposit to or at any time after the provision of service to the Customer to be held by the Company as a guarantee of the payment of rates and charges. No such deposit will be required of a Customer which has established satisfactory credit and has no history of late payments to the Company.
2. The amount of the deposit which may be required of a Customer for the purpose of establishing a credit shall not exceed two times the average monthly bill for residential Customers whose bills are payable in advance. The amount of deposit may be adjusted at the request of the Customer at any time when the character, purpose, or degree of the Customer's use of the service has materially changed, or when it is indicated that it will change.
3. The making of a deposit shall not relieve any Customer of the obligation to pay current bills when due. A deposit shall only be applied to the indebtedness of the Customer for jurisdictional telecommunications services of the provider.
4. The Company will pay interest on deposits, to accrue from the date the deposit is made until it has been refunded, or until a reasonable effort has been made to effect refund. The Company will pay interest at the rate prescribed by the Department.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.5 Payment Arrangements (Cont'd)****2.5.5 Deposits (Cont'd)****B. Commercial Customers (Cont'd)**

5. The Company shall keep a record of each cash deposit until the deposit is returned. The record will show the name of each Customer making a deposit; the premises occupied by the Customer when making the deposit and each successive premises occupied while the deposit is retained by the Company; the amount and date of make the deposit; and a record of each transaction, such as the payment of interest, interest credited, etc., concerning the deposit. Concurrently with receiving a deposit, the Company will provide the Customer a receipt showing the deposit date, the name and billing address of the Customer and the deposit amount.
6. Upon discontinuation of service, or when a Customer has established credit by other means, the Company will promptly refund any deposit, plus accrued simple interest, or the balance, if any, in excess of the unpaid bills for the services furnished by the Company. A transfer of service from one location to another within the Company's serving area shall not be deemed a discontinuance with the Company if the character of the service remains unchanged.
7. Deposits will be refunded after twelve months of timely payment, with interest as specified above.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.5 Payment Arrangements (Cont'd)****2.5.6 Discontinuance of Service**

Refusal or discontinuance of service to residential Customers will be in accordance with M.D.T.C 18448, *Rules and Practices Relating to Telephone Service to Residential Customers*.

Without incurring liability DSCI may refuse or discontinue service for the following reasons, provided that, unless otherwise stated, business Customers will be given five (5) days written notice and residential Customers will be given fifteen (15) days written notice by first class mail, with a final notice by Certified Mail five (5) days prior to discontinuance.

- A. For noncompliance with or violation of any State, municipal, or Federal law, ordinance or regulation pertaining to telephone service.
- B. For noncompliance with or violation of Department regulation or DSCI's rules and regulations on file with the Department.
- C. Without notice by reason of any order or decision of a court or other government authority having jurisdiction which prohibits Company from furnishing such services.
- D. For failure of the Customer to make proper application for service or for use of telephone service for any other property or purpose than that described in the application.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.5 Payment Arrangements (Cont'd)****2.5.6 Discontinuance of Service (Cont'd)**

- E. Without notice in the event of tampering with the equipment or services owned by DSCI or its agents.
- F. Without notice in the event of Customer use of equipment or services in such a manner as to adversely affect the Company's equipment or the Company's service to others.
- G. For neglect or refusal to provide reasonable access to DSCI or its agents for the purpose of inspection and maintenance of equipment owned by DSCI or its agents.
- H. For non-payment of any amount past due to the Company by the Customer.
- I. Without notice for unauthorized or unlawful use of Authorization Codes. Authorization Codes are issued only by the Company to the Customer and may not be sold or otherwise distributed without the written consent of the Company.
- J. Without notice in the event of any other unauthorized or fraudulent use of service. Whenever service is discontinued for fraudulent use of service, DSCI may, before restoring service, require the Customer to make, at his or her own expense, all changes in facilities or equipment necessary to eliminate illegal use and to pay an amount reasonable estimated as the loss in revenues resulting from such fraudulent use.
- K. For Customer's breach of contract for service between the Company and the Customer.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.5 Payment Arrangements (Cont'd)****2.5.7 Cancellation of Application for Service**

- A. Applications for service cannot be canceled without the Company's agreement. Where the Company permits a Customer to cancel an application for service prior to the start of service or prior to any special construction, no charges will be imposed except for those specified below.
- B. Where, prior to cancellation by the Customer, the Company incurs any expenses in installing the service or in preparing to install the service that it otherwise would not have incurred, a charge equal to the costs incurred by the Company, less net salvage, shall apply, but in no case shall this charge exceed the sum of the charge for the minimum period of services ordered, including installation charges, and all charges others levy against the Company that would have been chargeable to the Customer had service commenced (all discounted to present value at six percent).
- C. Where the Company incurs any expense in connection with special construction, or where special arrangements of facilities or equipment have begun, before the Company receives a cancellation notice, a charge equal to the costs incurred by the Company, less net salvage, applies. In such cases, the charge will be based on such elements as the cost of the equipment, facilities, and material, the cost of installation, engineering, labor, and supervision, general and administrative expense, other disbursements, depreciation, maintenance, taxes, provision for return on investment, and any other costs associated with the special construction or arrangements.
- D. The special charges described in 2.5.7(A) through 2.5.7(C) will be calculated and applied on a case-by-case basis.

**2.5.8 Changes in Service Requested**

If the Customer makes or request material changes in circuit engineering, equipment specifications, service parameters, premises locations, or otherwise materially modifies any provision of the application for service, the Customer's installation fee shall be adjusted accordingly.



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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.6 Allowances for Interruptions in Service**

Interruptions in service that are not due to the negligence of, or noncompliance with the provisions of this tariff by, the Customer or the operation or malfunction of the facilities, power or equipment provided by the Customer, will be credited to the Customer as set forth in 2.6.1 for the part of the service that the interruption affects.

**2.6.1 General**

- A. A credit allowance will be given when service is interrupted, except as specified below. A service is interrupted when it becomes inoperative to the Customer, e.g., the Customer is unable to transmit or receive, because of a failure of a component furnished by the Company under this rate sheet.
- B. An interruption period begins when the Customer reports a service, facility or circuit to be inoperative and, if necessary, releases it for testing and repair. An interruption period ends when the service, facility or circuit is operative.
- C. If the Customer reports a service, facility or circuit to be interrupted but declines to release it for testing and repair, or refuses access to its premises for test and repair by the Company, the service, facility or circuit is considered to be impaired but not interrupted. No credit allowances will be made for a service, facility or circuit considered by the Company to be impaired.
- D. The Customer shall be responsible for the payment of service charges as set forth herein for visits by the Company's agents or employees to the premises of the Customer when the service difficulty or trouble report results from the use of equipment or facilities provided by any party other than the Company, including but not limited to the Customer.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.6. Allowances for Interruptions in Service (Cont'd)****2.6.2 Limitations of Allowances**

No credit allowance will be made for any interruption in service:

- A. Due to the negligence of or noncompliance with the provisions of this rate sheet by any person or entity other than the Company, including, but not limited to, the Customer;
- B. Due to the failure of power, equipment, systems, connections or services not provided by the Company;
- C. Due to circumstances or causes beyond the reasonable control of the Company;
- D. During any period in which the Company is not given full and free access to its facilities and equipment for the purposes of investigating and correcting interruptions;
- E. A service will not be deemed to be interrupted if a Customer continues to voluntarily make use of such service. If the service is interrupted, the Customer can get a service credit, use another means of communications provided by the Company (pursuant to Section 2.6.3), or utilize another service provider;
- F. During any period when the Customer has released service to the Company for maintenance purposes or for implementation of a Customer order for a change in service arrangements;
- G. That occurs or continues due to the Customer's failure to authorize replacement of any element of special construction; and
- H. That was not reported to the Company within thirty (30) days of the date that service was affected.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.6 Allowances for Interruptions in Service (Cont'd)****2.6.3 Use of Another Means of Communication**

If the Customer elects to use another means of communications during the period of interruption, the Customer must pay the charges for the alternative service used.

**2.6.4 Application for Credits for Interruptions in Service**

- A. Credits for interruptions in service that is provided and billed on a flat rate basis for a minimum period of at least one month, beginning on the date that billing becomes effective, shall in no event exceed an amount equivalent to the proportionate charge to the Customer for the period of service during which the event that gave rise to the claim for a credit occurred. A credit allowance is applied on a pro rata basis against the rates specified hereunder and is dependent upon the length of the interruption. Only those facilities on the interrupted portion of the circuit will receive a credit.
- B. For calculating credit allowances, every month is considered to have thirty (30) days.
- C. A credit allowance will be given for interruptions of thirty (30) minutes or more. Two or more interruptions of fifteen (15) minutes or more during any one 24-hour period shall be combined into one cumulative interruption.
- D. Interruptions of 24 Hours or Less

<b><u>Length of Interruption</u></b>	<b><u>Amount of Service to be Credited</u></b>
Less than 30 minutes	None
30 minutes up to but not including 3 hours	1/10 Day
3 hours up to but not including 6 hours	1/5 Day
6 hours up to but not including 9 hours	2/5 Day
9 hours up to but not including 12 hours	3/5 Day
12 hours up to but not including 15 hours	4/5 Day
15 hours up to but not including 24 hours	One Day

- E. Interruptions Over 24 Hours and Less Than 72 Hours

Interruptions over 24 hours and less than 72 hours will be credit 1/5 day for each 3-hour period or fraction thereof. No more than one full day's credit will be allowed for any period of 24 hours.

- F. Interruptions over 72 hours will be credited 2 days for each full 24-hour period. No more than thirty (30) days credit will be allowed for any one-month period.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.6 Allowances for Interruptions in Service (Cont'd)****2.6.5 Reserved for Future Use.****2.7 Use of Customer's Service by Others****2.7.1 Joint Use Arrangements**

Joint use arrangements will be permitted for all services provided under this tariff. From each joint use arrangement, one member will be designated as the Customer responsible for the manner in which the joint use of the service will be allocated. The Company will accept orders to start, rearrange, relocate or discontinue service only from the designated Customer. Without affecting the Customer's ultimate responsibility for payment of all charges for the service, each joint user shall be responsible for the payment of the charges billed to it.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.8 Cancellation of Service/Termination Liability**

If a Customer cancels a Service Order or terminates services before the completion of the term for any reason whatsoever other than a service interruption (as defined in Section 2.6.1 above), the Customer agrees to pay to the Company termination liability charges, as defined below. These charges shall become due as of the effective date of the cancellation or termination and be payable within the period, set forth in Section 2.5.2.

**2.8.1 Termination Liability**

The Customer's termination liability for cancellation of service shall be equal to:

- A. all unpaid Non-Recurring charges reasonably expended by the Company to establish service to the Customer; plus
- B. any disconnection, early cancellation or termination charges reasonable incurred and paid to third parties by the Company on behalf of the Customer; plus
- C. all Recurring Charges specified in the applicable Service Order Tariff for the balance of the then current term discounted at the prime rate announced in the Wall Street Journal on the third business day following the date of cancellation;
- D. minus a reasonable allowance for costs avoided by the Company as a direct result of the Customer's cancellation.

**2.9 Transfers and Assignments**

Neither the Company nor the Customer may assign or transfer its rights or duties in connection with the services and facilities provided by the Company without the written consent of the other party, except that the Company may assign its rights and duties:

- 2.9.1 to any subsidiary, parent company or affiliate of the Company; or
- 2.9.2 pursuant to any sale or transfer of substantially all the assets of the Company; or
- 2.9.3 pursuant to any financing, merger or reorganization of the Company.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.10 Customer Liability for Unauthorized Use of the Network**

Unauthorized use of the network occurs when a person or entity that does not have actual, apparent or implied authority to use the network, obtains the Company's services provided under this rate sheet.

**2.10.1 Customer Liability for Fraud and Unauthorized Use of the Network**

- A. The Customer is liable for the unauthorized use of the network obtained through the fraudulent use of a Company calling card, if such a card is offered by the Company, or an accepted credit card, provided that the unauthorized use occurs before the Company has been notified.
- B. A Company calling card is a telephone calling card issued by the Company at the Customer's request, which enables the Customer or user(s) authorized by the Customer to place calls over the Network and to have the charges for such calls billed to the Customer's account.

An accepted credit card is any credit card that a cardholder has requested or applied to and received, or has signed, used, or authorized another person to use to obtain credit. Any credit card issued as a renewal or substitute in accordance with this paragraph is an accepted credit card when received by the cardholder.

- C. The Customer must give the Company written or oral notice that an unauthorized use of a Company calling card or an accepted credit card has occurred or may occur as a result of loss and/or theft.
- D. The Customer is responsible for payment of all charges for calling card services furnished to the Customer or to users authorized by the Customer to use service provided under this rate sheet, unless due to the negligence of the Company. This responsibility is not changed due to any use, misuse or abuse of the Customer's service or Customer-provided equipment by third parties, the Customer's employees, or the public.

The liability of the Customer for unauthorized use of the Network by credit card fraud will not exceed the lesser of fifty dollars (\$50.00) or the amount of money, property, labor, or services obtained by the unauthorized user before notification to the Company.

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**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.11 Notices and Communications**

- 2.11.1 The Customer shall designate on the Service Order an address to which the Company shall mail or deliver all notices and other communications, except that the Customer may also designate a separate address to which the Company's bills for service shall be mailed.
- 2.11.2 The Company shall designate on the Service Order an address to which the Customer shall mail or deliver all notices and other communications, except that Company may designate a separate address on each bill for service to which the Customer shall mail payment on that bill.
- 2.11.3 Except as otherwise stated in this tariff, all notices or other communications required to be given pursuant to this tariff will be in writing. Notices and other communications of either party, and all bills mailed by the Company, shall be presumed to have been delivered to the other party on the third business day following placement of the notice, communication or bill with the U.S. Mail or a private delivery service, prepaid and properly addressed, or when actually received or refused by the addressee, whichever occurs first.
- 2.11.4 The Company or the Customer shall advise the other party of any changes to the addresses designated for notices, other communications or billing, by following the procedures for giving notice set forth herein.

**2.12 Taxes, Fees and Surcharges**

The Company reserves the right to bill any and all applicable taxes, fees and surcharges in addition to the normal rates and charges for services provided to the Customer. Taxes and fees include, but are not limited to: Federal Excise Tax, State Sales Tax, Municipal Tax, and Gross Receipts Tax. Unless otherwise specified in this tariff, such taxes, fees and surcharges are in addition to rates as quoted in this tariff and will be itemized separately on Customer invoices.

**SECTION 2 – RULES AND REGULATIONS (CONT'D)****2.13 Miscellaneous Provisions****2.13.1 Telephone Number Changes**

Whenever any Customer's telephone number is changed after a directory is published, the Company shall intercept all calls to the former number for at least one hundred and twenty (120) days and give the calling party the new number provided existing central office equipment will permit, and the Customer so desires.

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.

**2.13.2 Maintenance and Operations Records**

Records of various tests and inspections, to include non-routine corrective maintenance actions or monthly traffic analysis summaries for network administration, necessary for the purposes of the Company or to fulfill the requirements of the Department rules shall be kept on file in the office of the Company as required under Department rules.



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**SECTION 3 – SERVICE AREAS****3.1 Local Calling Areas****3.1.1 Metropolitan Boston Exchanges**

The local area of each exchange or locality includes all the central offices and localities of the exchange. The local calling areas consist of contiguous exchanges within the Local Access and Transport Area (LATA), and certain additional exchanges and localities.

Calling Areas for Metropolitan Boston Exchanges	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Arlington	Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Milton, Melrose, Needham, Newton, Norwood, Quincy, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Winchester, Winthrop, Woburn
Belmont	Arlington, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Winchester, Winthrop, Woburn
Braintree	Arlington, Belmont, Boston Central, Brighton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Malden, Medford, Milton, Needham, Newton, Norwood, Quincy, Randolph, Revere, Roxbury, Somerville, South Boston, Watertown, Wellesley, Weymouth, Winthrop
Brighton	Arlington, Belmont, Boston Central, Braintree, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Winthrop, Woburn, Winchester
Brookline	Arlington, Belmont, Boston Central, Braintree, Brighton, Burlington, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Cambridge	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.1 Metropolitan Boston Exchanges (Cont'd)**

Calling Areas for Metropolitan Boston Exchanges	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Canton	Boston Central, Braintree, Brighton, Brookline, Cambridge, Charlestown, Dedham, Dorchester, Hingham, Hyde Park, Jamaica Plain, Milton, Needham, Newton, Norwood, Quincy, Randolph, Roxbury, Sharon, South Boston, Stoughton, Waltham, Watertown, Wellesley, Weymouth
Boston Central	Arlington, Braintree, Belmont, Brighton, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Charlestown	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Canton, Chelsea, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Chelsea	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Charlestown, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Quincy, Randolph, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Waltham, Wakefield, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Cohasset	Boston Central, Braintree, Chelsea, Dorchester, East Boston, Hingham, Hull, Milton, Quincy, Randolph, Revere, Roxbury, Scituate, South Boston, Weymouth, Winthrop
Dedham	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Dorchester, Dover, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Revere, Roxbury, Somerville, South Boston, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.1 Metropolitan Boston Exchanges (Cont'd)**

Calling Areas for Metropolitan Boston Exchanges	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Dorchester	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
East Boston	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Everett	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Quincy, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Hingham	Boston Central, Braintree, Brighton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hull, Hyde Park, Jamaica Plain, Lynn, Malden, Milton, Norwell, Quincy, Randolph, Revere, Rockland, Roxbury, Scituate, Somerville, South Boston, Weymouth, Winthrop
Hull	Boston Central, Braintree, Brighton, Brookline, Cambridge, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hyde Park, Jamaica Plain, Lynn, Malden, Medford, Melrose, Milton, Quincy, Randolph, Revere, Roxbury, Somerville, South Boston, Weymouth, Winthrop
Hyde Park	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Jamaica Plain, Lexington, Lincoln, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Revere, Roxbury, Somerville, South Boston, Stoneham, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.1 Metropolitan Boston Exchanges (Cont'd)**

Calling Areas for Metropolitan Boston Exchanges	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Jamaica Plain	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Lexington	Arlington, Belmont, Billerica, Boston Central, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Concord, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Winchester, Winthrop, Woburn
Lincoln	Arlington, Belmont, Boston Central, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Concord, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Malden, Medford, Melrose, Needham, Newton, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wayland, Winchester, Woburn
Malden	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Medford, Melrose, Milton, Needham, Newton, Quincy, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Medford	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Melrose, Milton, Needham, Newton, Quincy, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Winchester, Winthrop, Woburn
Melrose	Arlington, Belmont, Boston Central, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Milton, Needham, Newton, Quincy, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Winchester, Winthrop, Woburn

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.1 Metropolitan Boston Exchanges (Cont'd)**

Calling Areas for Metropolitan Boston Exchanges	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Milton	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lynn, Malden, Medford, Melrose, Needham, Newton, Norwood, Quincy, Randolph, Revere, Roxbury, Somerville, South Boston, Stoneham, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Needham	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, Dover, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Malden, Medford, Melrose, Milton, Newton, Norwood, Quincy, Randolph, Revere, Roxbury, Somerville, South Boston, Stoneham, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Newton	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Winchester, Winthrop, Woburn
Norwood	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Cambridge, Canton, Charlestown, Dedham, Dorchester, Dover, East Boston, Hyde Park, Jamaica Plain, Milton, Needham, Newton, Quincy, Randolph, Roxbury, Sharon, Somerville, South Boston, Walpole, Waltham, Watertown, Wellesley, Weymouth
Quincy	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Randolph, Revere, Roxbury, Somerville, South Boston, Stoneham, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop
Randolph	Brighton, Boston Central, Braintree, Brockton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Hingham, Hull, Hyde Park, Jamaica Plain, Milton, Needham, Newton, Norwood, Quincy, Rockland, Roxbury, Somerville, South Boston, Watertown, Wellesley, Weymouth, Winthrop

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.1 Metropolitan Boston Exchanges (Cont'd)**

Calling Areas for Metropolitan Boston Exchanges	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Reading	Arlington, Belmont, Boston Central, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dorchester, East Boston, Everett, Jamaica Plain, Lexington, Lincoln, Lynn, Lynnfield, Malden, Medford, Melrose, Newton, North Reading, Revere, Roxbury, Saugus, Somerville, Stoneham, South Boston, Wakefield, Waltham, Watertown, Wilmington, Winchester, Winthrop, Woburn
Revere	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Quincy, Reading, Roxbury, Saugus, Somerville, South Boston, Stoneham, Waltham, Watertown, Wakefield, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Roxbury	Arlington, Belmont, Boston Central, Brighton, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Randolph, Reading, Quincy, Revere, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Winchester, Winthrop, Woburn
Somerville	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Saugus, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
South Boston	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Somerville, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn
Stoneham	Arlington, Belmont, Boston Central, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Quincy, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Wakefield, Waltham, Watertown, Wellesley, Winchester, Winthrop, Woburn

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.1 Metropolitan Boston Exchanges (Cont'd)**

Calling Areas for Metropolitan Boston Exchanges	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Wakefield	Arlington, Belmont, Boston Central, Brighton, Brookline, Burlington, Chelsea, Cambridge, Charlestown, Dorchester, East Boston, Everett, Jamaica Plain, Lexington, Lincoln, Lynn, Lynnfield, Malden, Medford, Melrose, Newton, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Waltham, Watertown, Winchester, Winthrop, Woburn
Waltham	Arlington, Belmont, Boston Central, Brighton, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Malden, Medford, Melrose, Milton, Natick, Needham, Newton, Norwood, Quincy, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Watertown, Wayland, Wellesley, Winchester, Winthrop, Woburn
Watertown	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Norwood, Quincy, Randolph, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Waltham, Wellesley, Winchester, Winthrop, Woburn
Wellesley	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, Dover, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Malden, Medford, Melrose, Milton, Natick, Needham, Newton, Norwood, Quincy, Randolph, Revere, Roxbury, Somerville, South Boston, Stoneham, Waltham, Watertown, Winchester, Winthrop, Woburn
Weymouth	Boston Central, Braintree, Brighton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Malden, Milton, Needham, Norwood, Quincy, Randolph, Revere, Rockland, Roxbury, Somerville, South Boston, Winthrop
Winchester	Arlington, Belmont, Boston Central, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Quincy, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Winthrop, Woburn

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.1 Metropolitan Boston Exchanges (Cont'd)**

Calling Areas for Metropolitan Boston Exchanges	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Winthrop	Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Everett, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Quincy, Randolph, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Woburn
Woburn	Arlington, Belmont, Boston Central, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Milton, Needham, Newton, Reading, Revere, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Wilmington, Winchester, Winthrop



**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.2 Outside Metropolitan Boston Exchanges**

The local calling area of each exchange or locality includes all central offices and all localities of the exchange. In addition, the local calling area consists of contiguous exchanges within the LATA and certain additional exchanges localities. Exchanges enclosed within [ ] indicates exchange in different LATA

Calling Areas Outside Metropolitan Boston Exchanges – LATA 617/508	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Acton	Concord, Harvard, Littleton, Maynard, Westford
Amesbury	Merrimac, Newburyport [South Hampton, NH Locality], West Newbury
Andover	Lawrence, Lowell, North Reading, Wilmington
Ashburnham	Ashby, Fitchburg, Gardner, Westminster, Winchendon
Ashby	Ashburnham, Fitchburg, Townsend
Assonet	Fall River, Rochester, Taunton
Athol (New Salem, Orange and Warwick only)	[Amherst] (Leverett, Shutesbury, and Sunderland only), [Ashfield], [Bernardston], [Charlemont], [Colrain], [Conway], [Greenfield], [Millers Falls], [Monroe Bridge Locality], [Montague], [Northfield], Orange, Petersham, [Shelburne Falls], [South Deerfield], Templeton, [Turners Falls], Winchendon
Athol (other)	Orange, Petersham, Templeton, Winchendon
Attleboro	Mansfield, North Attleboro, Norton, Rehoboth Zone, Southgate Locality
Auburn	Boylston, Grafton, Holden, Leicester, Millbury, Oxford, Oakham, Rutland, Shrewsbury, Spencer, West Boylston, Worcester
Ayer	Bolton, Clinton, Groton, Harvard, Leominster, Littleton, Shirley
Barnstable	Dennis, Hyannis, Osterville, Sagamore
Barre	[Gilbertville], Hubbardston, North Brookfield, Oakham, Petersham, Rutland, Templeton
Bellingham	Blackstone Locality, Franklin, Medway, Milford
Berlin	Bolton, Boylston, Clinton, Hudson, Marlboro, Northboro
Beverly	Danvers, Hamilton, Manchester, Peabody, Salem
Billerica	Burlington, Concord, Lexington, Lowell, Wilmington
Blackstone Locality	Bellingham, [Cumberland Hill, RII, Franklin, Milford, Uxbridge, [Woonsocket, RI], Wrentham
Bolton	Ayer, Berlin, Clinton, Harvard, Hudson, Maynard
Boylston	Auburn, Berlin, Clinton, Grafton, Holden, Leicester, Millbury, Northboro, Oakham, Rutland, Rutland, Spencer, Shrewsbury, Sterling, West Boylston, Worcester
Brewster	Dennis, Harwich, Orleans
Bridgewater	Brockton, Bryantville, East Bridgewater, Middleboro, Taunton
Brockton	Bridgewater, East Bridgewater, Easton, Randolph, Rockland, Stoughton, Taunton, Whitman
Bryantville	Bryantville
Burlington	Arlington, Belmont, Billerica, Boston Central, Brighton, Brookline, Cambridge, Charlestown, Chelsea, Dorchester, East Boston, Everett, Jamaica Plain, Lexington, Lincoln, Malden, Medford, Melrose, Needham, Newton, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Wilmington, Winchester, Winthrop, Woburn
Buzzards Bay	Cataumet, Plymouth, Sagamore, Wareham
Carver	Kingston, Middleboro, Plymouth, Wareham

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

Calling Areas Outside Metropolitan Boston Exchanges – LATA 617/508	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Cataumet	Buzzards Bay, Falmouth, Osterville, Sagamore
Charlton	Leicester, North Brookfield, Oxford, Southbridge, Spencer, Sturbridge, Webster
Chatham	Harwich, Orleans
Chilmark	Edgartown, Vineyard Haven
Clinton	Ayer, Berlin, Bolton, Boylston, Leominster, Sterling, West Boylston, Worcester
Concord	Acton, Billerica, Lexington, Lincoln, Lowell, Maynard, Sudbury, Wayland, Westford
Danvers	Beverly, Hamilton, Lawrence, Lynnfield, North Reading, Peabody, Salem, Topsfield
Dennis	Barnstable, Brewster, Harwich, Hyannis
Dighton	Fall River, Rehoboth Zone, Taunton
Dover	Dedham, Medfield, Natick, Needham, Norwood, Walpole, Wellesley
Duxbury	Kingston, Marshfield
East Bridgewater	Bridgewater, Brockton, Bryantville, Whitman
East Douglas	Millbury, Oxford, [Pascoag, RI], Uxbridge, Webster, Whitinsville
Easton	Brockton, Mansfield, Norton, Sharon, Stoughton, Taunton
Edgartown	Chilmark, Vineyard Haven
Essex	Gloucester, Hamilton, Ipswich, Manchester
Fall River	Assonet, Dighton, [Little Compton, RI], New Bedford, North Swansea Locality, Rehoboth, Rochester, [Tiverton, RI], Westport
Falmouth	Cataumet, Osterville
Fitchburg	Ashurnham, Ashby, Leominster, Lunenburg, Townsend, Westminster
Foxboro	Mansfield, North Attleboro, Sharon, Walpole, Wrentham
Framingham	Holliston, Hopkinton, Marlboro, Natick, Sudbury, Wayland
Franklin	Bellingham, Blackstone Locality, Medfield, Medway, Millis, Walpole, Wrentham
Gardner	Ashburnham, Hubbardston, Templeton, Westminster, Winchendon
Georgetown	Haverhill, Lawrence, Newburyport, Rowley Topsfield
Gloucester	Essex, Manchester, Rockport
Grafton	Auburn, Boylston, Holden, Leicester, Millbury, Oakham, Rutland, Shrewsbury, Spencer, Upton, West Boylston, Westboro, Whitinsville, Worcester
Groton	Ayer, Littleton, Lunenburg, Pepperell, Shirley, Townsend, Tyngsboro, Westford
Hamilton	Beverly, Danvers, Essex, Ipswich, Manchester, Topsfield
Hanover	Bryantville, Kingston, Marshfield, Norwell, Rockland, Whitmas
Harvard	Action, Ayer, Bolton, Littleton, Maynard
Harwich	Brewster, Chatham, Dennis, Orleans
Haverhill	Georgetown, [Hampstead, NH], [Kingston, NH], Lawrence, Merrimac, Newburyport, [Plaistow, NH], West Newbury
Holden	Auburn, Bolyston, Grafton, Leicester, Millbury, Oakham, Princeton, Rutland, Shrewsbury, Spencer, Sterling, West Boylston, Worcester
Holliston	Framingham, Hopkinton, Medway, Milford, Millis, Natick
Hopkinton	Framingham, Holliston, Marlboro, Milford, Upton, Westboro

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

Calling Areas Outside Metropolitan Boston Exchanges – LATA 617/508	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Hubbardston	Barre, Gardner, Princeton, Rutland, Templeton, Westminster
Hudson	Berlin, Bolton, Marlboro, Maynard, Sudbury
Hyannis	Barnstable, Dinnis, Osterville
Ipswich	Essex, Hamilton, Rowley, Topsfield
Kingston	Bryantville, Carver, Duxbury, Hanover, Marshfield, Middleboro, Plymouth
Lawrence	Andover, Danvers, Georgetown, Haverhill, Lowell, North Reading, [Salem, NH], Topsfield
Leicester	Auburn, Boylston, Charlton, Grafton, Holden, Millbury, Oakham, Oxford, Rutland, Shrewsbury, Spencer, West Boylston, Worcester
Leominster	Ayer, Clinton, Fitchburg, Lunenburg, Princeton, Shirley, Sterling, Westminster
Littleton	Acton, Ayer, Groton, Harvard, Westford
Lowell	Andover, Villerica, Concord, Lawrence, [Pelham, NH], Tyngsboro, Westford, Wilmington
Lunenburg	Fitchburg, Groton, Leominster, Shirley, Townsend
Lynn	Arlington, Belmont, Boston Central, Brighton, Brookline, Cambridge, Charleston, Chelsea, Dorchester, East Boston, Everett, Hingham, Hull, Jamaica Plain, Lexington, Lynnfield, Malden, Marblehead, Medford, Melrose, Milton, Newton, Peabody, Quincy, Reading, Revere, Roxbury, Salem, Saugus, Somerville, South Boston, Stoneham, Wakefield, Watertown, Winchester, Winthrop, Woburn
Lynnfield	Danvers, Lynn, North Reading, Peabody, Reading, Saugus, Wakefield
Manchester	Beverly, Essex, Gloucester, Hamilton
Mansfield	Attleboro, Easton, Foxboro, North Attleboro, Norton, Sharon
Marblehead	Lynn, Salem
Marion	Mattapoisett, Rochester, Wareham
Marlboro	Berlin, Framingham, Hopkinton, Hudson, Maynard, Northboro, Sudbury, Westboro
Marshfield	Duxbury, Hanover, Kingston, Norwell, Scituate
Mattapoisett	Marion, New Bedford, Rochester
Maynard	Acton, Bolton, Concord, Harvard, Hudson, Marlboro, Sudbury
Medfield	Dover, Franklin, Millis, Natick, Walpole
Medway	Bellingham, Franklin, Holliston, Milford, Millis
Merrimac	Amesbury, Haverhill, West Newbury
Middleboro	Bridgewater, Bryantville, Carver, Kingston, Rochester, Taunton, Wareham
Milford	Bellingham, Blackstone Locality, Holliston, Hopkinton, Medway, Upton, Uxbridge, Whitinsville
Millbury	Auburn, Boylston, East Douglas, Grafton, Holden, Leicester, Oakham, Oxford, Rutland, Shrewsbury, Spencer, West Boylston, Whitinsville, Worcester
Millis	Franklin, Holliston, Medfield, Medway, Natick
Nantucket	Siasconset
Natick	Dover, Framingham, Holliston, Medfield, Millis, Waltham, Wayland, Welleseley
New Bedford	Fall River, Mattapoisett, Rochester, Westport

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Calling Areas Outside Metropolitan Boston Exchanges – LATA 617/508	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Newburyport	Amesbury, Georgetown, Haverhill, Rowley, [Seabrook, NH', West Newbury
North Attleboro	Attleboro, Foxboro, Mansfield, Southgate Locality, Wrentham
Northboro	Berlin, Boylston, Marlboro, Shrewsbury, Westboro, Worcester
North Brookfield	Barre, Charlton, [Gilbertville], Oakham, Spencer, Sturbridge, [Warraen]
North Reading	Andover, Dancers, Lawrence, Lynnfield, Reading, Wilmington
North Swansea Locality	[Bristol, RI Zone], Fall River, [Providence, RI Zone], Rehoboth Zone, Seekonk Locality, [Warren, RI Zone]
Norton	Attleboro, Easton, Mansfield, Rehoboth Zone, Taunton
Norwell	Hanover, Hingham, Marshfield, Rockland, Scituate
Oakham	Auburn, Barre, Boylston, Grafton, Holden, Leicester, Millbury, North Brookfield, Rutland, Shrewsbury, Spencer, West Boylston, Worcester
Orange	[Amherst] (Leverett, Shutesbury and Sunderland only), [Ashfield], Athol, [Bernardston], [Charlemont], [Colrain], [Conway], [Greenfield], [Millers Falls], [Montague], [Monroe Bridge Locality], [Northfield], Petersham, [Shelburne Falls], [South Deerfield], [Turner Falls]
Orleans	Brewster, Chatham, Harwich, Wellfleet
Osterville	Barnstable, Cataumet, Falmouth, Hyannis, Sagamore
Oxford	Auburn, Charlton, East Douglas, Leicester, Millbury, Webster, Worcester
Peabody	Beverly, Danvers, Lynn, Lynnfield, Salem
Pepperell	Groton, Townsend, Tyngboro
Petersham	Athol, Barre, Orange, Templeton
Plymouth	Buzzards Bay, Carver, Kingston, Sagamore, Wareham
Princeton	Holden, Hubbardston, Leominster, Rutland, Sterling, Westminster
Provincetown	Wellfleet
Rehoboth (Zone of the Metropolitan Province, R.I. Exchange)	Attleboro, Dighton, Fall River, North Swansea, Norton, [Providence, RI Zone], Seekonk Locality, Southgate Locality, Taunton
Rochester	Assonet, Fall River, Marion, Mattapoisett, Middleboro, New Bedford, Taunton, Wareham
Rockland	Brockton, Hanover, Hingham, Norwell, Randolph, Weymouth, Whitman
Rockport	Gloucester
Rowley	Georgetown, Ipswich, Newburyport, Topsfield
Rutland	Auburn, Barre, Boylston, Grafton, Holden, Hubbardston, Leicester, Millbury, Oakham, Princeton, Shrewsbury, Spencer, West Boylston, Worcester
Sagamore	Barnstable, Buzzards Bay, Cataumet, Osterville, Plymouth
Salem	Beverly, Danvers, Lynn, Marblehead
Saugus	Arlington, Boston Central, Cambridge, Charlestown, Chelsea, East Boston, Everett, Lynn, Lynnfield, Malden, Medford, Melrose, Reading, Revere, Somerville, Stoneham, Wakefield, Winchester, Winthrop, Woburn
Scituate	Cohasset, Hingham, Marshfield, Norwell

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Calling Areas Outside Metropolitan Boston Exchanges – LATA 617/508	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Seekonk Locality	[Bristol, RI], [Centredale, RI], [Coventry, RI], [Cumberland Hill, RI], [Greenwich, RI Zone], North Swansea Locality, [Pawtucket, RI], [Providence, RI], Rehoboth Zone, [Scituate, RI Zone], Southgate Locality, [Warren, RI], [Warwick, RI], [West Warwick, RI Zone]
Sharon	Canton, Easton, Foxboro, Mansfield, Norwood, Stoughton, Walpole
Shirley	Ayer, Groton, Leominster, Lunenburg
Shrewsbury	Auburn, Boylston, Grafton, Holden, Leicester, Millbury, Oakham, Northboro, Rutland, Spencer, West Boylston, Westboro, Worcester
Siasconset	Nantucket
Southbridge	Charlton, Sturbridge, Webster
Southgate Locality	Attleboro, [Centredale, RI Zone], [Cumberland Hill, RI], North Attleboro, [Pawtucket, RI Zone], [Providence, RI Zone], Rehoboth Zone, Seekonk Locality
Spencer	Auburn, Boylston, Charlton, Grafton, Holden, Leicester, Millbury, North Brookfield, Oakham, Rutland, Shrewsbury, West Boylston, Worcester
Sterling	Boylston, Clinton, Holden, Leominster, Princeton, West Boylston, Worcester
Stoughton	Brockton, Canton, Easton, Randolph, Sharon
Sturbridge	[Brimfield], Charlton, North Brookfield, Southbridge, [Warren]
Sudbury	Concord, Framingham, Hudson, Marlboro, Maynard, Wayland
Taunton	Assonet, Bridgewater, Brockton, Dighton, Easton, Middleboro, Norton, Rehoboth Zone, Rochester
Templeton	Athol, Barre, Gardner, Hubbardston, Petersham, Winchendon
Topsfield	Danvers, Georgetown, Hamilton, Ipswich, Lawrence, Rowley
Townsend	Ashby, Fitchburg, Groton, Lunenburg, Pepperell
Tyngsboro	Groton, Lowell, [Nashua, NH], Pepperell, Westford
Upton	Grafton, Hopkinton, Milford, Westboro, Whitinsville
Uxbridge	Blackstone Locality, East Douglas, Milford, [Pascoag, RI], Whitinsville
Vineyard Haven	Chilmark, Edgartown
Walpole	Dover, Foxboro, Franklin, Medfield, Norwood, Sharon, Wrentham
Wareham	Buzzards Bay, Carver, Marion, Middleboro, Plymouth, Rochester
Wayland	Concord, Framingham, Lincoln, Natick, Sudbury, Waltham
Webster	Charlton, East Douglas, [North Thompson, CT], Oxford, Southbridge
Wellfleet	Orleans, Provincetown
Westboro	Grafton, Hopkinton, Marlboro, Northboro, Shrewsbury, Upton, Worcester
West Boylston	Auburn, Boylston, Clinton, Grafton, Holden, Leicester, Millbury, Oakham, Rutland, Shrewsbury, Spencer, Sterling, Worcester
Westford	Action, Concord, Groton, Littleton, Lowell, Tyngsboro
Westminster	Ashburnham, Fitchburg, Gardner, Hubbardston, Leominster, Princeton
West Newbury	Amesbury, Haverhill, Merrimac, Newburyport
Westport	Fall River, [Little Compton, RI], New Bedford
Whitinsville	East Douglas, Grafton, Millbury, Milford, Upton, Uxbridge
Whitman	Brockton, Bryantville, East Bridgewater, Hanover, Rockland

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Calling Areas Outside Metropolitan Boston Exchanges – LATA 617/508	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Wilmington	Andover, Billerica, Burlington, Lowell, North Reading, Reading, Woburn
Winchendon	Ashburnharn, Athol, [Fitzwilliarn, NH], Gardner, [Rindge, NH], Templeton
Worcester	Auburn, Boylston, Clinton, Grafton, Holden, Leicester, Millbury, Northboro, Oakham, Oxford, Rutland, Shrewsbury, Spencer, Sterling, West Boylston, Westboro
Wrentham	Blackstone Locality, Foxboro, Franklin, North Attleboro, Walpole

**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

Calling Areas Outside Metropolitan Boston Exchanges – LATA 413	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Adams	Charlemont, Curnmington, Dalton, North Adams, Pittsfield, [Stamford, VT Locality], Williamstown
Amherst (Leveret, Shutesbury and Sutherland only)	Ashfield, [Athol] (Salem, Orange and Warwick only), Belchertown, Bernardston, Charlemont, Colrain, Conway, Greenfield, Hatfield, Holyoke, Millers Falls, Monroe Bridge Locality, Montague, Northampton, Northfield, [Orange], Shelburne Falls, South Deerfield, Turner Falls
Amherst (other)	Belchertown, Hatfield, Holyoke, Montague, Northampton [Orange], South Deerfield
Ashfield	Amherst (Leveret, Shutesbury and Sunderland only), [Athol], (New Salem, Orange and Warwick only), Bernardston, Charlemont, Colrain, Conway, Cummington, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls, Williamsburg
Becket	Blansford, Chester, Hinsdale, Huntington, Lee, Lenox, Otis, Pittsfield, Worthington
Belchertown	Amherst, Ludlow, Palmer, Ware
Bernardston	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol], (New Salem, Orange and Warwick only), Charlemont, Colrain, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls
Blanford	Becket, Chester, Granville, Huntington, Otis, Russell, Sandisfield, Westfield
Brimfield	Monson, Palmer, [Sturbridge], Warren
Charlemont	Adams, Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol], (New Salem, Orange and Warwick only), Bernardston, Colrain, Conway, Cummington, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, North Adams, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls
Chester	Becket, Blandford, Huntington, Otis
Chesterfield	Cummington, Easthampton, Huntington, Williamsburg, Worthington
Chicopee	East Longmeadow, Granby (exchange of the Granby Telephone and Telephone and Telegraph Company), Hampden, Holyoke, Longmeadow, Ludlow, Southwick, Springfield, Westfield, Wilbraham
Colrain	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol], (New Salem, Orange and Warwick only), Bernardston, Charlemont, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls, Williamsburg
Cummington	Adams, Ashfield, Charlemont, Chesterfield, Dalton, Hinsdale, Williamsburg, Worthington
Dalton	Adams, Cunnington, Hinsdale, Pittsfield
Easthampton	Chesterfield, Holyoke, Huntington, Northampton, Russell, Westfield, Williamsburg
East Longmeadow	Chicopee, Hampden, Holyoke, Longmeadow, Ludlow, Southwick, Springfield, Westfield, Wilbraham
Gilbertville	[Barrel, [North Brookfield], Ware
Granville	Blandford, Sandisfield, Stockbridge, Sheffield, West Stockbridge
Great Barrington	Housatonic, Lee, Otis, Sandisfield, Stockbridge, Sheffield, West Stockbridge

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

Calling Areas Outside Metropolitan Boston Exchanges – LATA 413	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Greenfield	Amherst (Leverett, Shutesbury and Sunderland only), Bernardston, Charlemont, Colrain, Conway, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls
Hampden	Chicopee, East Longmeadow, Holyoke, Longmeadow, Ludlow, Monson, Southwick, Springfield, Westfield, Wilbraham
Hatfield	Amherst, Northhampton, South Deerfield, Williamsburg
Hinsdale	Becket, Cummington, Dalton, Pittsfield, Worthington
Holyoke	Amherst, Chicopee, Easthampton, East Longmeadow, Granby (exchange of the Granby Telephone and Telegraph Company), Hampden, Longmeadow, Ludlow, Northampton, Southwick, Springfield, Westfield, Wilbraham
Housatonic	Great Barrington, Stockbridge, West Stockbridge
Huntington	Becket, Blandford, Chester, Chesterfield, Easthampton, Russell, Worthington
Lee	Becket, Great Barrington, Lenox, Otis, Stockbridge
Longmeadow	Ch Chicopee, East Longmeadow, Hampden, Holyoke, Ludlow, Southwick, Springfield, Westfield, Wilbraham
Ludlow	Belchertown, Chicopee, East Longmeadow, Hampden, Holyoke, Longmeadow, Palmer, Southwick, Springfield, Westfield, Wilbraham
Millers Falls	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol], (New Salem, Orange and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls
Monroe Bridge Locality	Amherst (Leverett, Shutesbury, and Sunderland only), Ashfield, [Athol], (New Salem, Orange and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, [Jacksonville, VT], Millers Falls, Montague, North Adams, Northfield, [Orange], [Readsboro, VT], Shelburne Falls, South Deerfield, [Stamford, VT Locality], Turners Falls
Monson	Brimfield, Hampden, Palmer, Wilbraham
Montague	Amherst, Ashfield, [Athol], (New Salem, Orange and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls.
North Adams	Adams, Charlemont, Monroe Bridge Locality, [Pownal, VT], [Readsboro, VT], [Stamford, VT Locality], Williamstown
Northampton	Amherst, Easthampton, Hatfield, Holyoke, Williamsburg
Northfield	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol], (New Salem, Orange and Warwick only), Vernardston, Charlemont, Colrain, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, [Orange], Shelburne Falls, South Deerfield, Turners Falls, [Winchester, NH]
Otis	Becket, Blandford, Chester, Great Barrington, Lee, Sandisfield
Palmer	Belchertown, Brimfield, Ludlow, Monson, Ware, Warren, Wilbraham
Pittsfield	Adams, Becket, Dalton, Hinsdale, Lenox, Richmond (exchange of the Richmond Tel. Co.), Williamstown

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**SECTION 3 – SERVICE AREAS (CONT'D)****3.1 Local Calling Areas (Cont'd)****3.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

Calling Areas Outside Metropolitan Boston Exchanges – LATA 413	
Home Exchange or Locality	Additional Exchange, Zone and Locality Areas included in the Local Calling Area
Russell	Blandford, Easthampton, Huntington, Westfield
Sandisfield	Blandford, Granville, Great Barrington, Otis, Sheffield, [Winsted, CT]
Sheffield	Great Barrington, Sandisfield
Shelburne Falls	Amherst (Leveret, Shutesbury and Sunderland only), Ashfield, [Athol], (New Salem, Orange and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, [Orange], Shelburne Falls, South Deerfield, [Turners Falls, Williamsburg]
Southwick	Chicopee, East Longmeadow, Granville, Hampden, Holyoke, Longmeadow, Ludlow, Springfield, Westfield, Wilbraham
Springfield	Chicopee, East Longmeadow, Hampden, Holyoke, Longmeadow, Ludlow, Southwick, Westfield, Wilbraham
Stockbridge	Great Barrington, Housatonic, Lee, Lenox, West Stockbridge
Turners Falls	Amherst (Leveret, Shutesbury and Sunderland only), Ashfield, [Athol], (New Salem, Orange and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield
Ware	Belchertown, Gilbertville, Palmer, Warren
Warren	Brimfield, [North Brookfield], Palmer, [Sturbridge], Ware
Westfield	Blandford, Chicopee, Easthampton, East Longmeadow, Granville, Hampden, Holyoke, Longmeadow, Ludlow, Russell, Southwick, Springfield, Wilbraham
West Stockbridge	Great Barrington, Housatonic, Lenox, Stockbridge
Wilbraham	Chicopee, East Longmeadow, Hampden, Holyoke, Longmeadow, Ludlow, Monson, Palmer, Southwick, Springfield, Westfield
Williamsburg	Ashfield, Chesterfield, Conway, Cummington, Easthampton, Hatfield, Northampton, South Deerfield
Williamston	Adams, North Adams, Pittsfield, [Pownal, VT], [Stamford, VT Locality]
Worthington	Becket, Chesterfield, Cummington, Hinsdale, Huntington

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**SECTION 4 – EXCHANGE SERVICE****4.1 Basic Exchange Service**

Rates and charges for services explained herein are contained in Section 20.

**4.1.1 General**

Main telephone exchange service consists of basic exchange services and the following services.

1. Circle Calling
2. Expanded Community Calling
3. Suburban
4. Metropolitan
5. Bay State East
6. Call Around 413 Plus

**4.1.2 Description**

- A. Service is provided on a monthly basis and is available as either residence or business.
1. Residence service rates apply if the service is used primarily for social or domestic purposes.
  2. Business service rates apply if the service is used primarily or substantially for business purposes, or if the service is furnished at a business location.
- B. Basic service is provided to each exchange on an unlimited or measured basis.
1. Unlimited service provides for unlimited calling within the local calling area (refer to Section 3) and within municipalities, unless otherwise specified in this tariff.
  2. Measured service provides for calling within the local calling area and within municipalities on a per message, per minute basis, or message unit basis.
    - a. Accumulation of local usage time for measured services is done on a per minute basis. At the high end of the customer's billing period, the sum of accumulated seconds is rounded to the next higher minute.

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**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.1 Basic Exchange Service (Cont'd)****4.1.3 Service Order Charges****4.1.3.1 General**

A Service Order 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. Service charges are in addition to all other applicable rates and charges for service provided by the Company. Connection Charges are listed with each service to which they apply.

A service charge does not apply to changes from one grade of basic exchange service to a lower grade of basic exchange service.

Element 1 Service Order Charges apply when work is performed by the company in connection with the receiving, recording and processing of Customer requests for service. This charge applies on a per Customer request basis. Different rates apply for requests to establish service or move service to another premises.

Element 2 Central Office Line Connection Service Order Charges apply when work is performed by the Company for arranging an exchange line to provide service between the central office and the Customer's premises. The charge applies for work including, but not limited to, the following activities: (a) making and changing central office connections; (b) making and changing connections in distribution facilities between the central office and the Customer's premises, including necessary cross-connections and line and station transfers.

**4.1.4 Restoral of Service**

A restoral charge applies each time a service is reconnected after suspension or termination for nonpayment, but before cancellation of the service. A charge applies for restoring service for each account. An account may consist of a main telephone exchange line, all trunks of a PBX, or a private line channel or service.

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**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.1 Basic Exchange Service (Cont'd)****4.1.5 Temporary Suspension of Service**

Temporary Suspension of Service is an arrangement which permits a Customer, under certain circumstances, to retain the service facilities in place when service is not needed. During this period, central office lines are made inoperative.

Exchange service may be temporarily suspended and the Customer's listing retained in the Directory. During the period of suspension, a monthly rate, equal to the business dial tone line exchange rate applies per central office line, unless otherwise specified. However, if the period of suspension is 15 days or less, the regular monthly rate applies.

With Centrex systems, the minimum monthly charge applies during the period of suspension. Except as otherwise specified, all items of service in excess of the minimum monthly requirements are charged for at 50% of the regular monthly rate.

With service provided under the Two Tier Rate Plan, the monthly rate during the period of suspension is 50% of the Tier B rate plus the full amount of the Tier A rate and any monthly equivalent rates for nonrecurring charges, is applicable.

More than one period of temporary suspension may be permitted in any one calendar year provided at least one month's full charge shall be paid for service furnished between periods of temporary suspension. The reduction of rate on account of the temporary suspension of service applies during a total of not more than nine (9) months during any one calendar year.

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**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.1 Basic Exchange Service (Cont'd)****4.1.6 Restrictions****A. Unlimited Service**

1. Two-party unlimited residence service is not available in the Boston Central exchange. Two-party unlimited residence service is no longer offered to new customers but existing customers may retain their service at their present locations only, in the same or fewer quantities.
2. One-party unlimited business service is not available in the exchanges or localities shown in Exhibit 4A. One-party unlimited business service is not available to resellers offering services for public use.
3. Unlimited PBU service trunk lines are not available in Metropolitan Boston. Unlimited PBU service trunk lines are also not available to customers in the following exchanges:

North Swansea  
Rehoboth (a zone of the Metropolitan Providence, RI exchange)  
Seekonk  
Southgate  
Chicopee  
East Longmeadow  
Hampden  
Holyoke  
Longmeadow  
Ludlow  
Southwick  
Springfield  
Westfield  
Wilbraham

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**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.1 Basic Exchange Service (Cont'd)****4.1.6 Restrictions**

<b>Exhibit 4A</b>	
<b>Exchanges or Localities Where 1-Party Unlimited Business Service is Not Available</b>	
<b>LATA</b>	<b>Exchanges and Localities</b>
617/508	Arlington, Belmont, Boston Central, Brighton, Brookline, Cambridge, Charlestown, Chelsea, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Malden, Medford, Melrose, Milton, Newton, North Swansea, Quincy, Rehoboth (a zone of the Metropolitan Providence, RI exchange), Revere, Roxbury, Seekonk, Southgate, Somerville, South Boston, Waltham, Watertown, Winthrop
413	Chicopee, East Longmeadow, Hampden, Holyoke, Longmeadow, Ludlow, Southwick, Springfield, Westfield, Wilbraham

**4.1.7 Use of Service-Residence**

- A. Measured residence service and unlimited business service, or vice versa, may be furnished on the same premises provided that the lines are nonhunting and the residence service when located in the business portion of the premises is arranged to prevent outward calling and is not used for business purposes.
- B. The use of measured or unlimited residence exchange service is restricted to the customer, members of the household and persons temporarily leasing a customer's residential premises. The above provisions shall not be construed or applied to bar a customer from allowing a social guest or business visitor the incidental or occasional use of his service.
- C. In stored program control central offices, when sufficient facilities exist, one-party unlimited residence service may also be offered with Selective Blocking service.
- D. When a residence customer has two or more exchange lines of the same class of service terminating at the same premises and billed from the same revenue accounting office, one bill, including charges for services associated with such lines, may be rendered.

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**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.1 Basic Exchange Service (Cont'd)****4.1.8 Use of Service-Business**

- A. Unlimited business service and measured business service from the same exchange, or from exchanges each in the local service area of the other, are not furnished on the same premises except for the following situations.
1. A customer with Centrex service involving limited business service at a principal premises outside the Metropolitan Boston exchanges may have measured business service at an ancillary location within the Metropolitan Boston exchanges if unlimited business service is not available as a service offering.
  2. A customer with measured Private Branch Exchange (PBX) service providing service to residential tenants in clubs, lodging houses, dormitories, nurses' homes, apartment houses and to patients of the customer in hospitals and to tenants or guests of hotels and motels may have unlimited business exchange service for his own use.
- B. Unlimited business service and measured residence service, or vice versa, may be furnished on the same premises provided that the lines are non hunting and the residence service when located in the business portion of the premises is arranged to prevent outward calling and is not used for business purposes.
- C. The use of measured or unlimited business exchange service, is restricted to the customer, his agents and employees when engaged in his business; to residential tenants or guests of the customer in clubs, lodging houses, hotels and motels, marinas, fraternity houses, dormitories, nurses' homes and apartment houses; to patients of hospitals; to patrons of the customer in connection with automatic dialing telephone units arrange for the origination of telephone calls only to pre-recorded telephone numbers; to joint users as arranged for; and to business tenants of a PBX customer in the business of providing office, convention, or exhibition space and secretarial service to transients. The use of service by such transients is for short periods not to exceed 30 days.

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**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.1 Basic Exchange Service (Cont'd)****4.1.9 Localities and Exchanges of Connection**

- A. When an area which otherwise would constitute one exchange is divided by a state boundary, the additional exchange so formed is referred to as a locality. The exchange that serves the locality is called the exchange of connection.
- B. The location of the customer governs the administration of the appropriate tariff rates and regulations for exchange service, and for services furnished between these exchanges, the area is as if it were one exchange. For other purposes, these exchanges are administered as separate exchanges.
- C. Each exchange is considered to be in the primary calling area of its paired exchange. Exhibit 4B and Exhibit 4C shows localities with their exchange or zone of connection in another jurisdiction and exchanges of connection serving localities in adjoining jurisdictions.
- D. Local calls within an exchange, between exchanges, and between exchanges and localities in the local calling area of any exchange may be handled on a station-to-station or person-to-person basis as collect, bill to a third telephone number, or charge to a Calling Card number, in accordance with the following regulations. The transfer of charges to a third telephone which is a PASL payphone is not allowed.
  - 1. 617/508 LATA
    - a. For call within the same exchange or locality, the local message charge is the same as that for the appropriate intraLATA toll call in the lowest mileage band, including the applicable incremental charge.
    - b. For a call between exchanges or between exchanges and localities, the local message charge is the same as that for the appropriate intraLATA toll call of the same distance, including the applicable incremental charge.
  - 2. 413 LATA
    - a. For a call within the same exchange or locality, between exchanges, or between exchanges and localities, the local message charge is the same as that for the appropriate intraLATA toll call, including the applicable incremental charge.



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**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.1 Basic Exchange Service (Cont'd)****4.1.9 Localities and Exchanges of Connection**

<b>Exhibit 4B</b>	
<b>Localities and Exchanges of Connection</b>	
<b>Locality</b>	<b>Exchanges or Zone of Connection</b>
Blackstone	Woonsocket
Monroe Bridge	Readsboro, VT
North Swansea	Warren, RI Zone
Seekonk	Providence, RI Zone
Southgate	Pawtucket, RI Zone

<b>Exhibit 4C</b>	
<b>Exchanges of Connection and Localities</b>	
<b>Exchanges of Connection</b>	<b>Locality</b>
Amebury	South Hampton, NH
North Adams	Stamford, VT

---

**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.2 Application of Rates and Charges****4.2.1 Dial Tone Line**

- A. Unlimited Service Monthly Exchange Rates-All Exchanges. One-party exchange rates consists of two components: dial tone line rates, and usage rates. Multi-party exchange rates are not disaggregated into two components.
- B. Measured Service Monthly Dial Tone Exchange Rates-All Exchanges. Measured service rates consist of the appropriate dial tone line rate and local usage charges.
- C. Business Measured Exchange Rates are offered as follows:
1. Month-to-month
  2. 24-month commitment
    - a. If a customer terminates service during the first 18 months of the 24-month commitment, the customer will pay early termination charges as specified in (c) following. The customer will not pay termination charges under the following circumstances:
      - If the customer terminates the service during the first 18 months of the 24-month commitment in order to subscribe to another Verizon service of greater value.
      - If the customer terminates the service during the first 18 months of the 24-month commitment in order to subscribe to another Verizon service and commits to a term plan of a duration that is equal to or greater than the time remaining under the 24-month commitment.
      - If the customer terminates service at the end of the 18th month of the 24-month commitment.
    - b. At the end of the 24-month commitment, the customer will have the option of renewing the 24-month commitment or retaining the service under the standard month-to-month rate in effect at that time. If the customer does not notify the Company of its choice prior to the end of the 24-month commitment, the standard month-to-month rate will be applied.
    - c. Early termination charges will be calculated by taking the difference between the month-to-month rate and the 24-month commitment rate and multiplying it by the number of months in service.

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**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.2 Application of Rates and Charges (Cont'd)****4.2.2 Local Messages**

- A. 617/508 LATA. Local usage charges for measured service calls are structured on per message/per minute charges. For fractions of a minute, charges are rounded up to the next minute.
- B. 413 LATA. Local usage charges for measured service are structured on per message/per minute charges that vary with peak and off-peak times.
  - 1. Peak rates apply Monday through Friday 9AM to, but not including 9PM.
  - 2. Off-peak rates apply Monday through Thursday from 9PM to, but not including 9AM and from 9PM Friday to, but not including 9AM Monday.
  - 3. On Christmas Day (December 55), New Year's Day (January 1), Independence Day (July 4), Thanksgiving Day and Labor Day, or resulting legal Holidays when Christmas, New Year's or Independence Day legal holidays fall on dates other than December 55, January 1, or July 4, respectively, the holiday rate is the holiday rate is the off-peak rate.

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**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.2 Application of Rates and Charges (Cont'd)****4.2.3 Trunk Lines**

- A. Trunk Lines are furnished on a measured or an unlimited service basis in accordance with the service offerings for main telephone exchange service in each exchange.
1. Business service trunk lines in Metropolitan Boston exchanges and certain other exchanges as specified herein are furnished on a measured service basis only.
  2. Residence service trunk lines may be furnished to an educational institution at its business location, for use solely by its students, faculty members or employees who reside in dormitories or other residential quarters owned, leased or under its control, provided that the educational institution certifies to the Company in writing that its PBX is partitioned to prohibit stations, other than those used exclusively for residential purposes, from accessing the residence service trunk lines. The Company retains the right to serve the patrons of the educational institution directly if such users so desire.
  3. For trunk lines provided on a measured service basis, the appropriate residence or business dial tone line rate applies. Usage is available at the appropriate rates.
  4. For trunk lines provided on an unlimited service basis, the appropriate residence or business dial tone line rate applies. Residence usage is available at the basic or other service monthly usage rate. Business usage is available at the unlimited Private Branch Exchange (PBU) rates. Unlimited PBU service trunk lines are not available in Metropolitan Boston exchanges or to resellers offering service for public use.

**4.2.4 Announcement Lines**

- A. Announcement lines are furnished for the transmission of prerecorded messages. Exchange lines or announcement lines associated with Company or customer provided equipment, the primary purpose of which is to transmit a prerecorded message, are not provided on a nonpublished basis. For purposes of identification, customers with telephone service who transmit recorded public announcements over facilities provided by the Company must include in the recorded message the name of the organization or individual responsible for the service and the address where the service is provided. Customers transmitting factual public announcements such as time, weather, stock market quotations, airline schedules, and similar information are excluded from this condition.
1. Failure to comply with this provision is cause for termination of service.
  2. In addition to the announcement line monthly rate, the business dial tone line monthly rate also applies.

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**SECTION 4 – EXCHANGE SERVICE (Cont'd)****4.3 Exchange Maps****4.3.1 General**

The Company adopts the maps of the New England Telephone & Telegraph Company (Verizon-East) that are filed with the Department. These maps show exchange boundaries and rate centers of all exchanges in Massachusetts.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.4 Other Adjunct Services****4.4.1 Combination Main Telephone Exchange Services**

- A. Two or more main line telephone exchange services, when located within the same central office area may be combined on the same line in such a way that the ringing signal for each of the main telephones can be recognized and answered at any of the telephones on the line.
  - 1. Unlimited and measured services cannot be combined.
  - 2. When unlimited services are combined the unlimited calling area of each service must be the same, except that if one unlimited calling area is enlarged by Municipal Calling service, the other need not be.
  - 3. Business and residence services can be combined.
- B. This service is provided only when warranted by special circumstances and if suitable facilities are and continue to be available. A special construction charge applies for such equipment as may be required at any time.
- C. One-party line rates apply for each main telephone on a combined line.
- D. This service is not furnished with foreign exchange service or between central offices.
- E. For a combination of main telephone exchange services furnished subsequent to the initial installation of the associated exchange lines, service charges apply.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.4 Other Adjunct Services (Cont'd)****4.4.2 Foreign Exchange Service**

- A. Foreign exchange service is furnished from an exchange other than that normally serving the area in which the customer is located. Where there is a customer requirement, and suitable facilities are available, this service may be extended to include a third exchange.
- B. This service is intended only for communications in which the customer, or joint users as arranged for, have a direct interest and shall not be used for any purpose for which a payment or other compensation shall be received by him or by joint users, from any other person, firm or LLC for such use, or in the collection, transmission or delivery of any communication for others. However, such prohibition shall not apply to international record carriers in the provision of overseas data message service.
- C. Foreign exchange service is furnished either on a measured or unlimited basis in accordance with services offered in the exchange of connection subject to the general regulations governing the furnishing of unlimited and measured service on the same premises, except that when the exchange of connection and one or both locations of the customer are within Metropolitan Boston, foreign exchange business service is furnished only a measured service basis.
- D. Municipal Calling service is not furnished with foreign exchange service unless dial tone is provided from a central office serving some portion of the municipality in which the foreign exchange line service address is located.
- E. Foreign exchange service is furnished on a one-party or trunk line basis only
- F. Foreign exchange service is furnished in connection with Centrex systems and is subject to the regulations specified in Sections 16 and 17.
- G. The rate for foreign exchange service is the rate in effect in the foreign exchange for the class of service furnished. In addition, tariff rates and charges also apply for extension service or for terminations in equipment, such as 1A Series key telephone systems, at the customer's premises.
- H. Foreign exchange service mileage charges and local channel charges to serve a customer's location in a third exchange are as specified in Section 20 or Private Line Type 2006 or Private Line Type 5206 channels.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.4 Other Adjunct Services (Cont'd)****4.4.3 Foreign Central Office Service**

- A. Foreign central office service is exchange service that allows a customer in a multicentral office exchange to be served by a central office other than that normally serving the customer's area within the exchange.
- B. Foreign central office service is furnished on either a measured or unlimited basis in accordance with service offered in the exchange.
- C. Foreign central office service is furnished on a one-party line or trunk line basis only.
- D. The monthly rate is the rate in effect in the exchange for the class of service furnished.
- E. Foreign central office service mileage charges are as specified for Private Line Type 2006A channels.



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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.4 Other Adjunct Services (Cont'd)****4.4.4 Joint User Service**

- A. Joint user service is available only for customers with Centrex service; however, existing customers with unlimited business service or PASL service may retain the service at the present locations only.
- B. Joint user service is a shared service arrangement that permits a business customer's exchange service to be used, when designated by the customer, by individuals, firms or corporations not associated with the customer in business.
- C. Joint user service is not furnished to transient tenants of a customer primarily engaged in the business of renting office space.
- D. Joint user service entitles the joint user to one directory listing in the alphabetical section of the directory. Additional listings are available at the additional listing rate.
- E. If a joint user of unlimited business service or PASL service not located in the same room or suite of rooms as the customer, a telephone of the customer's service must be located on the joint user's premises. Joint user service in connection with foreign exchange or foreign central office services or with extension line service permanently bridged to main exchange lines is furnished only when the joint user is located in the same room or suite of rooms as the customer's listed location.
- F. Applications for joint user service, and for additional service and equipment in connection therewith, must be executed by the customer who is responsible for payment of all charges incurred.
- G. The total charges for telephone service allocated by the customer among the customer and the joint users cannot exceed the charges of the Company to the customer as set forth in this tariff.
- H. Joint users of a customer's service must have the option of obtaining service, in addition to or in lieu of joint user service, directly from the Company.
- I. The rate for Joint User service in connection with Centrex service is equivalent to that applicable for PBX service.
- J. In addition to the monthly rates for this service, service charges also apply.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.4 Other Adjunct Services (Cont'd)****4.4.5 Dormitory Communication Service (DCS)**

- A. DCS is available as an independent system to public or private educational institutions for residential use by students, faculty members, or employees who reside in dormitories or other residential quarters owned, leased, or under control of the education institution.
1. DCS is furnished to an educational institution upon the condition that provision and use of the service is not subject to any charge by the educational institution in excess of the applicable charges specified in this tariff.
  2. All DCS lines furnished to an educational institution must be located in a room, apartment, or suite occupied by one or more persons as residential quarters, and any additional telephones on the line are limited to such quarters.
- B. DCS is offered where sufficient and suitable outside plan and central office equipment are and continue to be available to provide service regulatory furnished by the Company.
- C. DCS is furnished from central office equipment located on Company premises and associated facilities arranged to provide the equivalent of one-party unlimited residence mail telephone exchange service in all are or Metropolitan Service in Metropolitan Boston exchanges, Burlington, Lynn, and Saugus. The local calling area for DCS is the same as that specified for main telephone service. DCS is also furnished to provide eastern LATA unlimited calling plan, call around 413 plus, measured circle calling, and call around 413 services where offered.
- D. Billing Options. The educational institution is responsible for the ordering of services and may elect one of the following billing options.
1. Option 1. All charges except those for toll messages, telegrams, cablegrams, radiograms, restoral of service charges and local usage charges are billed to the education institution. Charges for toll messages, telegrams, cablegrams, radiograms, restoral of service charges and local usage charges are billed to the occupants of the room, apartment or suite.
  2. Option 2. All charges including those for toll messages, telegrams, cablegrams, radiograms, restoral of service charges and local usage charges are billed to the occupant of the room, apartment or suite.
- E. The person or persons to whom the bill is rendered is liable for payment of all charges in compliance with the Regulations contained in Section 2.
- F. The educational institution will render assistance to the Company in the collection of charges billed to the occupant of the room, apartment or suite. The type and extent of assistance rendered will be negotiated between the Company and the educational institution.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.4 Other Adjunct Services (Cont'd)****4.4.5 Dormitory Communication Service (DCS) (Cont'd)****G. Monthly Rates.**

1. Option 1. The monthly rate for a DCS line is the same as that for similar one-party residence main telephone exchange service less \$0.10.
2. Option 2. The monthly rate for a DCS line is the same as that for similar one-party residence main telephone exchange service.

**H. Temporary Suspension of Service.** DCS lines may be temporarily suspended, subject to the terms and conditions specified in Section 2.**I. Directory Listings** in the alphabetical section of the Company directory are furnished at rates and charges for additional directory listings for residence service.**J. Service Charges** for residence service apply, as appropriate. Rates and charges apply for services and equipment as specified elsewhere.**K. Tie Lines.** Where the DCS central office equipment has Centrex service capabilities, tie lines may be furnished, between the switching system of the educational institution and the DCS central office equipment. If tie lines are provided, the educational institution's stations are not permitted access to exchange and toll connections via the DCS central office equipment. At the option of the educational institution, DCS lines may be permitted access to exchange and toll connections via the educational institution's switching system.

1. Tie lines are provided at rates and charges for Private Line Type 2001B channels, specified in Section 9 for the local and interexchange facilities, as required, to provide each tie line between DCS and the educational institution's switching system.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.5 Directory Listing Service****4.5.1 Description**

- A. Rates and regulations for listing services are applicable only to listings in the alphabetical directories.
- B. Directory listings are intended solely as an aid to the use of telephone service and are therefore limited to such information as is essential to the identification of the listed party. The listing of a service, commodity, or trade name is not permitted unless it is the name, or an integral part of the name, under which the customer does business.
- C. A listing is limited to one line in the directory, except where in the judgment of the Company more than one line is required to identify the customer properly. In such cases, the additional lines required are provided at no extra charge.
- D. Listing services are available with all classes of main telephone exchange service and with interexchange services provided by other carriers.
- E. Dual name listings are available for residence service customers as an initial or an additional listing.
  - 1. The Element 1 service charge does not apply for conversion of existing listings to dual name listings.
- F. Listing Information (name, address, and telephone number) may be displayed on a call-by-call basis at Public Safety Answering Point (PSAP) locations where Enhanced Universal Emergency Number service is provided.
- G. Directory listings must conform to the Company's specifications with respect to its directories.
- H. The Company's liability arising from errors or omissions in initial directory listings in the primary directory shall be limited to an amount not to exceed one-half of the amount of the exchange service charges for main telephone exchange lines, PBX trunks, and Centrex main station lines during the period covered by the primary directory.
  - 1. For charged directory listings, the liability of the Company is limited to an amount not exceeding the amount of charges for the charged listing or listings involved, during the period covered by the directory in which the error or omission occurs.
- I. Service charges apply in addition to the monthly rates.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)**

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**4.5 Directory Listing Service (Cont'd)****4.5.2 Initial Listings**

- A. One listing, terms the initial listing is included with each customer's service, with the initial line of a line hunting group, with each joint user service, and with each Distinctive Ring service number.
- B. Dual name listings are alphabetical by the surname and the first given name or initials, and contain the following.
  - 1. The first name, or first name and middle initial, or first initial and middle name, or initials only, of two individuals who have the same surname and reside at the same address.
  - 2. The first name, or first name and middle initial, or first initial and middle name, or initials only, and the married name of a woman.
  - 3. Two names for one person, who may be referred to by either, with the same surname.
- C. Initial listings for interexchange services or other carriers are provided at rates and changes applicable to additional listings.
- D. One alphabetical directory listing per subscriber service in the Company directory serving the end office or in each Company directory covering the areas served by the Tandem office up to a maximum of nine directories is included with Circuit 9 service.

**4.5.3 Additional Listings**

- A. Additional listings are confined to the names of those who are entitled to use the customer's service, except that business tenants of a customer in the business of renting short-term office space will not be furnished additional listings.
- B. Additional listings are included in the alphabetical directory and on directory assistance records, or appear on directory assistance records only.
- C. Additional dual name listings, provided with an initial listing, list the second name (or initials) first and the listing is alphabetized accordingly in the directory; charging for this listing always commences with the delivery date of the issue of the directory in which the listing first appears.
- D. The monthly rate for an additional listing, or an additional dual name listing provided for a name that is not part of the initial listing, commences the day after the directory assistance records are posted. Directory assistance records are posted either as of the delivery date of the issue of the directory in which the listing first appears, or at any earlier practicable date selected by the customer.
- E. If an additional listing is ordered discontinued after the closing of the directory, the monthly rate continues through that issue of the directory and up to the date for rates to be effective for the next directory. If the additional listing is ordered discontinued before the closing date of the directory in which it would first appear, the monthly rate continues only to the date of cancellation by the customer, with a minimum service period of one month.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.5 Directory Listing Service (Cont'd)****4.5.4 Nonpublished Service**

- A. Telephone numbers of nonpublished service are not listed in the Company's directories or on directory assistance records. Listing information (name, address and number) on nonpublished service is not available to the general public, notwithstanding any claim of emergency the calling party may present.
- B. Liability for damages arising from publishing the telephone number of nonpublished service in the directory or by the disclosing of said number to any person cannot be attached to the Company.
- C. The customer indemnifies and saves the Company harmless against any claims for damages caused by the publication of the number of a nonpublished service or by the disclosure of said number to any person.

**4.5.5 Nondirectory Listed Service**

- A. Telephone numbers of nondirectory listed service are omitted or deleted from the Company's alphabetical directory, however, they are carried in the Company's directory assistance and other records and are given to any calling party.

**4.5.6 Nonlisted Service**

- A. Telephone numbers of nonlisted service are not listed in the Company's directories or on the directory assistance records. Nonlisted service is available if the customer has other exchange service which is listed in the directory or is on directory assistance records in the same name and at the same address. There are no restrictions against furnishing name, address or number information for nonlisted service.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.6 Directory Assistance Service****4.6.1 Description**

- A. The Company furnishes directory assistance service to aid customer in determining telephone numbers.
- B. Rates apply to calls originated in Massachusetts that are placed to appropriate telephone numbers associated with the provision of directory assistance service for Massachusetts. Certain calls as described in Section 4.6.2 are exempt from the applicable rates.
- C. No more than two telephone numbers may be requested per call to directory assistance service.
- D. A call to directory assistance is considered completed whether or not the numbers requested are available from directory assistance records, or the information requested is normally provided by directory assistance.
- E. Directory assistance service for Massachusetts listings located outside a customer's LATA is not available from the following services.
  - 1. Dormitory Communications Service (DCS) Lines
  - 2. Toll denied or restricted lines
  - 3. Hotel/motel and hospital toll access trunk lines that are routed to special operator equipped locations
- F. Directory assistance service for Massachusetts listings located outside a customer's LATA is available only on a direct dialed basis and may not be alternately billed.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.6 Directory Assistance Service (Cont'd)****4.6.2 Call Allowance**

- A. In order to accommodate situations such as directory inaccessibility, numbers not found in the directory, etc., an allowance consisting of a number of calls (which may be either directly dialed or operator dialed) to directory assistance service is provided as follows.
1. Ten calls for each residence exchange line, business main telephone exchange service line, business PBX trunk line, DCS line or Student Centrex main station line per billing period.
  2. The call allowance for Centrex main station lines is ten calls per equivalent number of PBX trunks. The number of equivalent PBX trunks for each Centrex system is determined in accordance with the PBX Equivalency Table (e.g., a Centrex system consisting of 114 Centrex main station lines, the equivalent number of PBX trunks is 17 and the call allowance is 170 per billing period).
  3. The call allowance for residence PBX main station lines is ten calls per billing period. The number of residence PBX main station lines to which the allowance applies is determined in accordance with the PBX Equivalency Table. Where a range in the number of main station lines is indicated, the midpoint in the range for the corresponding PBX trunk configuration applies (e.g., for eight trunks the number of main station lines is 22 to 28 and the number to which the allowance applies is 25 for a total call allowance of 250 per billing period).
  4. If a customer has two or more main telephone exchange service lines, Centrex station lines or PBX trunk lines terminating at the same premises, connected to the same central office, in the same billing period and billed to the same number, the total allowance is applied to the total usage for the lines or trunks involved.



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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.6 Directory Assistance Service (Cont'd)****4.6.3 Exemptions**

- A. Directly dialed calls to directory assistance are exempt from directory assistance rates and regulations when placed from the following locations.
  - 1. A residential main telephone exchange line, which is in the name of an elderly person aged 65 years or older, or single line registered business or residence main telephone exchange line of a handicapped user. A business or residence main telephone exchange line may be registered for exemption with the Company in those instances where one of the users of the line is considered to be legally blind, visually or physically handicapped as defined by The Federal Register, Volume 35 No. 126.
  - 2. Handicapped users on multi-line systems will obtain personal exemptions and may reach directory assistance without a charge through the use of an exempt Calling Card.
- B. All directory assistance calls originated from exchange lines of the Commonwealth and its political subdivisions are exempt.
- C. Calls to directory assistance service requesting nondirectory listed or nonpublished service telephone numbers are exempt.
- D. Where a user's handicap prevents the dialing of a telephone in a conventional manner or permits only the dialing of "0," those calls placed from the registered line and not directly dialed will also be exempt.

**4.6.4 Application of Rates and Charges**

- A. Directory assistance calls, in excess of the call allowance, requesting a combination of Massachusetts listings within and outside a customer's LATA incur the higher rate.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.7 Operator Call Completion Service****4.7.1 Description**

- A. This service provides customers who have received a requested intraLATA telephone number from directory assistance service, the option of having an intraLATA call dialed and completed to that requested telephone number, where facilities exist.
- B. Operator Call Completion is available with all telephone numbers in the Company's directory assistance service data base except the following numbers.
  - 1. InterLATA numbers
  - 2. 700, 800 and 900 numbers
  - 3. 976 and 540 (IDS) numbers
  - 4. 920 and 970 (Circuit 9 service) numbers
  - 5. 550 (GBS) numbers
  - 6. Nonpublished service numbers
- C. For customer requesting more than one directory assistance number, the Operator Call Completion option is available only to the last telephone number requested.
- D. This service is available to residence and business customers on a direct billed, collect, billed to third number or calling card basis. When accessed from a telephone line equipped with Curb A Charge service, Operator Call Completion is only available on a collect, billed to third number of calling card basis.
- E. InterLATA calls completed through the use of operator call completion will be carried by the Company, notwithstanding the identity of the presubscribed intraLATA carrier selected by the customer.

**4.7.2 Application of Rates and Charges**

- A. The charge for Operator Call Completion is in addition to the applicable direct dialed or operator assisted directory assistance service rates, local usage charges, Message Telecommunications Service (MTS) rates, and calling card, collect and bill to third number incremental charges.
- B. The charge for Operator Call Completion applies for each call dialed and completed for the customer except when the calling party is identified as being handicapped and unable to dial the call because of the handicap.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.8 Electronic White Pages (EWP)****4.8.1 Description**

- A. EWP provides customers with direct online electronic access to the Company's white pages directory listing information within a single LATA in the Commonwealth of Massachusetts without involving a Directory Assistance (DA) operator. Telephone numbers which are not available from directory assistance service will not be furnished.
1. Access to the EWP database will be provided through Digital Centrex I Packet Switching service on a dedicated basis or via casual dial access (public access ports for Digital Centrex I). Digital Centrex I regulations, rates and charges apply for dedicated access via Digital Centrex I.
- B. EWP is available 24 hours a day, seven days a week and is available to customers served by a suitably equipped central office subject to the availability of facilities.
- C. Via EWP, the customer may access a directory listing database which contains initial listings and additional listings, and provides the listed name, address (including zip code when available) and telephone number when a name search is initiated. The listings are alphabetically arranged under residential, business and government categories. Nonpublished service listings are not provided. The directory listings database will be updated on business days. The directory listing database is the sole property of the Company and is offered only for the private use of the customer. A customer may present an unlimited number of search requests per session. For each query of the database, the user must input (at least), the following information in the following order.
1. Numbering Plan Area (NPA)  
2. City  
3. Surname

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.8 Electronic White Pages (EWP) (Cont'd)****4.8.2 Application of Rates and Charges**

- A. Nonrecurring Charges (NRCs) are one-time charges that apply for a specific work activity. The type of nonrecurring charge that applies is an additional user ID charge.
  - 1. Additional User ID Charge applies on a per ID basis for the activation of each additional user ID and the deactivation of any user ID.
- B. Usage Rates apply specifically for the number of screens accessed and length of time on the database on a dedicated access or casual access basis. The dedicated access rate is in addition to the Digital Centrex I Packet Switching service rates and charges.
  - 1. Screen Charge. The screen charge applies per screen returned in response to a directory listing request. A screen contains from one to twelve lines of listing information including name, address and telephone number. A screen charge applies whether or not the requested listing information is found.
  - 2. System Usage Charge. The system usage charge is based on the accumulation of the customer's time on the host computer. Timing begins when the user is accepted into the EWP database and ends when the user either signs off or is automatically timed out of the system. This charge is applied per minute of use. Any fraction of a minute in the monthly total will be rounded up to the next higher minute.
- C. System Access charges are accumulated for connections of one or more minute or any fraction thereof. The system access charge does not apply for unsuccessful call setup attempts.
- D. Service Charges. In addition to the rates and charges described herein, service charges are applicable.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.9 Local Service Provider Freeze (LSPF)****4.9.1 Description**

- A. LSPF is available to residence and business end-user customers as a means of protection from changes to their local service provider being made without their consent. This freeze prevents a change in the end user's local service provider unless such a change is requested by the end user.
- B. Thee Company will only discuss LSPF with customers when the customer initiates a slamming inquiry or local slamming to a customer's account has occurred. Discussions with the customer will provide an explanation of what an LSPF is and what services may be subject to an LSPF, a description of the specific procedures necessary to lift the freeze, and an explanation that the customer will be unable to make a change in their local service provider selection unless they lift the freeze.
- C. The LSPF can be activated or removed independently of other preferred carrier freezes. The LSPF is not a default and cannot be automatically applied to customers who have other preferred carrier freezes.
- D. Competitors of the Company can activate or remove an LSPF on their end-user's account through the local service request process. Access to LSPF information is available to competitors of the Company on customer service records prior to the issuance of a service order. This information is accessible by local exchange carriers at the time of customer contact, with the authority of the prospective customer.

**4.9.2 Responsibility of the Company**

- A. The Company will not actively promote LSPF.
- B. Activating and Verifying an LSPF. The Company will accept the subscriber's written and signed authorization, or verbal authorization to activate the LSPF. The Company will verify verbal LSPF activations via a third party verifier (TPV). The TPV will be registered with the DTE, and the TPV's agent will obtain appropriate verification data from the customer.
- C. Removal of the LSPF
  - 1. The Company will accept the subscriber's written and signed authorization, or verbal authorization to remove the LSPF.
  - 2. The Company will permit submitting carriers to conduct a three-way conference call with the Company and its subscriber.
  - 3. The Company customer may remove the LSPF by accessing the Company's secured web site.

**4.9.3 Application of Rates and Charges**

- A. No charges apply for LSPF.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.10 Direct Inward Dialing (DID Service for PBX Systems)****4.10.1 General**

DID permits incoming dialed calls from the exchange network to reach a specific PBX station line or other Customer premises equipment without the assistance of an attendant. DID is provided subject to the availability of facilities.

DID may be furnished on a foreign exchange or foreign central office service basis if it cannot be provided from the Customer's normal central office. If the Customer's normal serving central office later becomes equipped to provide DID service, the service may then be transferred to the Customer's normal serving central office. This requires telephone number changes for which service order charges apply.

DID is designed for voice communications, not for the transmission of data. Data transmission is not guaranteed over facilities equipped with DID.

All DID calls must be routed over the same PBX trunk group. Trunk lines arrangement for DID may not be mixed in a trunk group with trunk lines not arranged for DID.

The Company accepts no responsibility for reserving telephone numbers to be used at a future time. If the provision of additional service necessitates telephone number changes, service order charges apply.

**4.10.2 Application of Rates and Charges**

The rates and charges specified herein are in addition to service charges, PBX trunk line rates, and to the rates and charges for associated services.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.11 Automatic Identification of Outward Dialing (AIOD) Service for PBX Systems****4.11.1 General**

AIOD provides for identification and recording of PBX station line numbers for station originated directly dialed or operator handled toll messages and for the billing of those messages by station line number through central office facilities at the serving central office.

AIOD is provided subject to the availability of suitable central office facilities and only when DID is furnished, as each station line associated with this service requires a seven-digit telephone number.

AIOD may be furnished on a foreign exchange or foreign central office basis, it cannot be provided from the Customer's normal central office. However, AIOD and DID must be provided from the same central office serving the Customer.

All trunks in an outgoing trunk group accessible by PBX station lines must be equipped for AIOD. DID and AIOD are not provided in the same trunk group.

If outgoing messages cannot be identified with an individual station line number, such messages are identified with the main billing telephone number.

**4.11.2 Application of Rates and Charges**

The rates and charges for AIOD service are in addition to those for appropriate PBX trunk lines, and to service charges and all other applicable rates and charges.

A service establishment charge is applicable when AIOD is initially established for a Customer.

A minimum of one data link is required between the serving central office and Customer's premises. Rates and charges for Private Line Type 3002 channels apply to each channel furnished.

The nonrecurring charge for AIOD (applied per PBX trunk line equipped) does not apply if AIOD is provided in conjunction with central office activity for which an Element 2 service charge applies.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.12 Toll Access Trunk Lines for Private Branch Exchange Systems****4.12.1 General**

Toll access trunks are available to a Customer with a PBX system or Centrex service whose service is authorized for use by transient guests or tenants. These lines provide one-way access into the long distance network, by permitting dialing of toll calls with operator intervention only for billing or charge information.

Toll access trunk lines are provided on the basis of one toll access trunk line for each \$80.00 minimum average monthly toll revenue as determined from a quarterly analysis of the Customer's toll revenues. If toll revenue information is not immediately available, one toll access trunk line may be provided temporarily, at the toll access trunk line rate, for every 15 guest telephones, subject to the requirement that each toll access trunk line furnished produced the minimum average monthly toll revenue as determined from an analysis of the toll revenues in the quarter following the initial installation. Toll access trunk lines in excess of these allowances are provided at the excess toll access trunk line rate.

Toll access trunk lines may be used in conjunction with a call rating system by arranging the trunk lines to all "0+ number" calls to be routed through operator service facilities and "1+ number" calls to be routed directly into the long distance network.

**4.12.2 Application of Rates and Charges**

In addition to the monthly rates and nonrecurring charges, service charges also apply.



**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.13 Toll Diversion Trunk Lines for Private Branch Exchange Systems**

PBX system trunk lines may be equipped so that attempts to dial toll calls from PBX telephones are diverted to an attendant or to a busy tone. This service is subject to the availability of suitable central office facilities.

**4.13.1 Application of Rates and Charges**

A maximum nonrecurring charge applies for all trunks equipped at one time

Service charges apply in addition to monthly rates and nonrecurring charges.

**4.14 Arrangements for Toll Billing Information for Private Branch Exchange Systems****4.14.1 General**

PBX and Centrex service Customers may obtain details of originating toll calls to associate them with specific lines, telephones, departments, or projects by means of code numbers. These numbers are intended for a Customer's internal accounting purposes.

Bills for toll calls will be rendered at the appropriate toll rates for operator handled or person-to-person calls in accordance with the number furnished to the toll operator at the time the call is placed.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.15 Automatic Call Distributing Systems Provided by Electronic Switching Systems (ACD-ES) – Type A****4.15.1 General**

ACD-ESS provides for distribution of a large volume of incoming calls to answering positions. If all positions are busy, calls are held in the order of arrival in queue until an answering position becomes available or the caller hangs up. ACD-ESS is furnished only from No. 1 ESS Central Office equipment with the appropriate generic program.

Line terminating in the system may consist of trunk lines (local or foreign exchange), tie lines or others required. ACD-ESS requires no unique station equipment and may be provided to lines equipped with any standard single line telephone or key equipment.

The Customer's primary location is normally served from the same central office as that from which the ACD-ESS is provided. One channel is provided from the central office to the Customer's location for each ACD answering position. No separate charges apply to these channels as long as the number of channels is equal to or is exceeded by the total number of facilities provided for local exchange access and other termination.

Service may be provided to a primary location served by a central office other than that in which the AD-ESS equipment is located subject to operating limits and the availability of facilities and equipment.

**4.15.2 Standard Features**

Add On Conference and Consultation Hold – allows an attendant to establish a three-party conversation with the option of keeping on of the two-parties on hold while having a private conversation with the other.

Call Transfer – allows incoming calls to an attendant position to be transferred to another position.

Dial Interconnection Between ACD Stations

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.15 Automatic Call Distributing Systems Provided by Electronic Switching Systems (ACD-ES) – Type A (Cont'd)****4.15.2 Standard Features (Cont'd)**

Direct Outward Dialing – allows an attendant to gain access to the exchange network by dialing an access code.

Uniform Call Distribution with Queuing – provides an even distribution of incoming calls to available answering positions.

**4.15.3 Optional Features**

Call Waiting Indication – provides a visual indication of the length of time calls are held before answered.

Delay Announcements – provides an announcement to calls held in queue for a Customer's specified period of time. The same or a unique announcement may be used for a second, third, or fourth announcement interruption.

Night Service – provides the capability to route calls directed to unattended answering positions equipped for night service to preselected answering positions.

**4.15.4 Minimum Service Period**

A minimum service period of twelve (12) months applies for an ACD-ESS system.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.15 Automatic Call Distributing Systems Provided by Electronic Switching Systems (ACD-ES) - Type A (Cont'd)****4.15.5 Application of Rates and Charges**

If the number of ACD answering positions exceeds the total specified for incoming call facilities, rates and charges apply for a Private Line Type 200IA channel between the Customer's location and the serving central office for each additional answering position.

When service is provided to a primary location served by a central office other than that in which the ACD-ESS equipment is located, rates and charges apply for a channel between the ACD-ESS central office and the Customer's normal serving central office for each answering position provided at that location.

In addition to the rates and charges for ACD-ESS services, service charges and rates for associated services are applicable. The service establishment charges applies when the system is initially established and is in addition to all other applicable rates and charges.

For central office termination, when intercommunication is provided between stations of a Centrex system and stations or terminals of an ACD-ESS system, rates and charges for tie lines and tie line terminations for each path arranged to allow simultaneous calls between systems apply. One queue slot per two stations is provided.

For make busy arrangements and night service, rates and charges apply for Type 1001 channel for the channel between the Customer premises and the ACD-ESS Central office.

For call waiting indication, arrangements may be provided to indicate up to three different call waiting indications for calls in the queue. Rates and charges apply for a Private Line Type 1001 channel for each different indications.

Rates and charges for local exchange access facilities terminating on ACD-ESS queuing equipment are as specified for PBX trunk lines.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.16 Digital PBX Services****4.16.1 Description**

- A.** Digital PBX Service provides path from a suitably equipped central office to a customer's digital Private Branch Exchange (PBX), allowing access to and from the exchange and toll network via exchange trunk lines. Dedication Toll Free Service (DTFS) lines and other network access lines, including Direct Inward Dialing (DID) capability.
- 1.** DID permits incoming dialed calls from the network to reach a specific station line of a PBX or other customer premises equipment without the assistance of an attendant. The facilities for the service, which are located in the suitably equipped central office, transmit and receive digital signals to and from switching equipment located on the customer's premises.
- a.** DID capability is furnished upon the condition that the customer must subscribe to and have available adequate facilities to permit the use of service without injurious effect on general telephone service.
- B.** Digital PBX Service is furnished subject to availability of facilities not only within a Local Access and Transport Area (LATA). Digital PBX Service may be provided from the subscriber's normal central office, or from a foreign exchange or foreign central office or from a central office with NRS capabilities.
- C.** Digital PBX Service is offered on a measured service basis and on an unlimited service basis where unlimited PBX service is available, except that unlimited business service is not available to resellers offering a service for public use.
- 1.** No message unit or usage allowance is provided.

**4.16.2 Service Components**

- A.** **Digital Ports** provide and identify up to 24 trunk circuits on a Digital Transport Facility (DTF). A digital port furnishes a group of up to 24 trunk circuits. In this group, there can be DID and non DID exchange trunks, DTFS lines and other network access lines. The subscriber must initially indicate the number of these trunks and lines and their respective locations within each DTF channel.
- B.** **Digital Transport Facility (DTF)** is a 1.544 Mbps transmission channel connecting a customer's premises with the serving wire center, which provided two-way transmission of digital signals for a capacity of up to 24 trunk connections.
- C.** **Digital PBX Service DID Telephone Numbers** are blocks of 100 consecutive telephone numbers (or fraction thereof) for provision of direct inward dialing.

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**SECTION 4 – EXCHANGE SERVICES (Cont'd)****4.17 Analog to Digital (A/D) Conversion PBX Service****4.17.1 Description**

- A.** A/D Conversion PBX service provides a digital path from an analog central office to a customer's digital PBX allowing exchange trunk line access to and from the exchange and toll network. The facilities for the service, which are located in the central office, convert analog signals to digital signals and permit them to be transmitted and received to and from switching equipment located on the customer's premises.
- B.** A/D Conversion is furnished subject to the availability of facilities and only within a LATA. A/D Conversion may be provided from the subscriber's normal central office, or from a foreign exchange or foreign central office, subject to the availability of facilities.
- C.** A/D Conversion is offered on a measured service basis and on an unlimited service basis where unlimited PBX service is available, except that unlimited business service is not available to resellers offering service for public use.
  - 1.** No message unit or usage allowance is provided,

**4.17.2 Service Components**

- A.** **A/D Converter** provides signal conversion and identification of up to 24 trunk circuits on a DTF.
  - 1.** A/D Converter furnished a group of up to 24 trunk circuits. In this group, there can be both DID and non DID exchange trunks and their respective locations within each channel.
- B.** **Digital Transport Facility (DTF)** is a 1.544 Mbps transmission channel connecting a customer's premises with the serving wire center, which provides two-way transmission of digital signals for a capacity of up to 24 trunk connections.

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas****5.1.1 Metropolitan Boston Exchanges**

- A. The local area of each exchange or locality includes all the central offices and localities of the exchange. The local calling areas consists of contiguous exchanges within the Local Access and Transport Area (LATA), and certain additional exchanges and localities. Refer to Exhibit 5A.
1. Unlimited Service. Provides for unlimited calling within the Zone 1 local calling area which includes the home exchange and any exchanges (shown in all CAPITAL LETTERS) within Zone 1. Calls to other Zone 1 exchanges and calls to any Zone 2 exchanges are times and charged per message and per minute rates.
  2. Measured Service. For calls within the home exchange and from the home exchange to all Zone 1 and/or Zone 2 exchanges are timed and charged per message and per minute rates.

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.1 Metropolitan Boston Exchanges**

<b>Exhibit 5A</b> <b>Calling Areas for Metropolitan Boston Exchanges</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Arlington	<p>Zone 1 BELMONT, Boston Central, Brighton, Brookline, Burlington, CAMBRIDGE, Charlestown, Chelsea, East Boston, Everett, Jamaica Plain, LEXINGTON, Lincoln, Malden, MEDFORD, Melrose, Newton, Reading, Revere, Roxbury, Saugus, SOMERVILLE, South Boston, Stoneham, Wakefield, Waltham, Watertown, WINCHESTER, Woburn</p> <p>Zone 2 Braintree, Dedham, Dorchester, Hyde Park, Lynn, Milton, Needham, Norwood, Quincy, Reading, Revere, Wakefield, Winthrop</p>
Belmont	<p>Zone 1 ARLINGTON, Boston Central, Brighton, Brookline, Burlington, CAMBRIDGE, Charlestown, Chelsea, East Boston, Everett, Jamaica Plain, LEXINGTON, Lincoln, Malden, Medford, Melrose, Newton, Roxbury, Somerville, South Boston, Stoneham, WALTHAM, WATERTOWN, Wellesley, Winchester, Woburn</p> <p>Zone 2 Braintree, Dedham, Dorchester, Hyde Park, Lynn, Milton, Needham, Norwood, Quincy, Reading, Revere, Wakefield, Winthrop</p>
Braintree	<p>Zone 1 Dorchester, Hingham Hull, Hyde Park, MILTON, QUINCY, RANDOLPH, WEYMOUTH</p> <p>Zone 2 Arlington, Belmont, Boston Central, Brighton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, East Boston, Everett, Jamaica Plain, Malden, Medford, Needham, Newton, Norwood, Revere, Roxbury, Somerville, South Boston, Watertown, Wellesley, Winthrop</p>
Brighton	<p>Zone 1 Arlington, Belmont, BOSTON CENTRAL, BROOKLINE, CAMBRIDGE, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Malden, Medford, Milton, Needham, NEWTON, Roxbury, Somerville, South Boston, Waltham, WATERTOWN, Wellesley, Winchester</p> <p>Zone 2 Braintree, Burlington, Canton, Hingham, Hull, Lincoln, Lynn, Melrose, Norwood, Quincy, Randolph, Reading, Revere, Stoneham, Wakefield, Weymouth, Winthrop, Woburn</p>

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.1 Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5A</b> <b>Calling Areas for Metropolitan Boston Exchanges</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Brookline	<p>Zone 1 Arlington, Belmont, BOSTON CENTRAL, BRIGHTON, CAMBRIDGE, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, JAMAICA PLAIN, Malden, Medford, Milton, Needham, NEWTON, Quincy, Revere, ROXBURY, Somerville, South Boston, Waltham, Watertown, Wellesley, Winthrop</p> <p>Zone 2 Braintree, Burlington, Canton, Hingham, Hull, Lexington, Lincoln, Lynn, Melrose, Norwood, Randolph, Reading, Stoneham, Wakefield, Weymouth, Winchester, Woburn</p>
Cambridge	<p>Zone 1 ARLINGTON, BELMONT, BOSTON CENTRAL, BRIGHTON, BROOKLINE, CHARLESTOWN, Chelsea, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Malden, Medford, Melrose, Milton, Newton, Revere, Roxbury, Saugus, SOMERVILLE, South Boston, Stoneham, Waltham, WATERTOWN, Winchester, Winthrop</p> <p>Zone 2 Braintree, Burlington, Canton, Dedham, Hingham, Hull, Lexington, Lincoln, Lynn, Needham, Norwood, Quincy, Randolph, Reading, Wakefield, Wellesley, Weymouth, Woburn</p>
Canton	<p>Zone 1 DEDHAM, HYDE PARK, MILTON, NORWOOD, RANDOLPH, SHARON, STOUGHTON</p> <p>Zone 2 Boston Central, Braintree, Brighton, Brookline, Cambridge, Charlestown, Dorchester, Hingham, Jamaica Plain, Needham, Newton, Quincy, Roxbury, South Boston, Waltham, Watertown, Wellesley, Weymouth</p>
Boston Central	<p>Zone 1 Arlington, Belmont, BRIGHTON, BROOKLINE, CAMBRIDGE, CHARLESTOWN, Chelsea, Dorchester, EAST BOSTON, Everett, Hyde Park, Jamaica Plain, Malden, Medford, Melrose, Milton, Newton, Quincy, Revere, ROXBURY, Saugus, Somerville, SOUTH BOSTON, Watertown, Winthrop</p> <p>Zone 2 Braintree, Burlington, Canton, Cohasset, Dedham, Hingham, Hull, Lexington, Lincoln, Lynn, Needham, Norwood, Randolph, Reading, Stoneham, Wakefield, Waltham, Wellesley, Winchester, Woburn</p>

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.1 Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5A</b> <b>Calling Areas for Metropolitan Boston Exchanges</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Charlestown	<p>Zone 1 Arlington, Belmont, BOSTON CENTRAL, Brighton, Brookline, CAMBRIDGE, CHELSEA, Dorchester, EAST BOSTON, EVERETT, Jamaica Plain, Malden, Medford, Melrose, Milton, Newton, Revere, Roxbury, Saugus, SOMERVILLE, South Boston, Stoneham, Watertown, Winchester, Winthrop</p> <p>Zone 2 Braintree, Burlington, Canton, Dedham, Hingham, Hull, Hyde Park, Lexington, Lincoln, Lynn, Needham, Norwood, Quincy, Randolph, Reading, Wakefield, Waltham, Wellesley, Weymouth, Woburn</p>
Chelsea	<p>Zone 1 Arlington, Belmont, Boston Central, Brighton, Brookline, Cambridge, CHARLESTOWN, Dorchester, EAST BOSTON, EVERETT, Jamaica Plain, Lynn, Malden, Medford, Melrose, REVERE, Roxbury, Saugus, Somerville, South Boston, Stoneham, Wakefield, Watertown, Winchester, Winthrop</p> <p>Zone 2 Braintree, Burlington, Cohasset, Dedham, Hingham, Hull, Hyde Park, Lexington, Lincoln, Milton, Needham, Newton, Quincy, Randolph, Reading, Waltham, Wellesley, Weymouth, Woburn</p>
Cohasset	<p>Zone 1 HINGHAM, HULL, SCITUATE, Weymouth</p> <p>Zone 2 Boston Central, Braintree, Chelsea, Dorchester, East Boston, Milton, Quincy, Randolph, Revere, Roxbury, South Boston</p>
Dedham	<p>Zone 1 Brighton, Brookline, CANTON, Dorchester, DOVER, HYDE PARK, JAMAICA PLAIN, Milton, NEEDHAM, Newton, NORWOOD, Roxbury, Wellesley</p> <p>Zone 2 Arlington, Belmont, Boston Central, Braintree, Cambridge, Charlestown, Chelsea, East Boston, Everett, Hingham, Hull, Lexington, Lincoln, Malden, Medford, Melrose, Quincy, Randolph, Revere, Somerville, South Boston, Waltham, Watertown, Weymouth, Winchester, Winthrop</p>
Dorchester	<p>Zone 1 Boston Central, Braintree, Brighton, Brookline, Cambridge, Charlestown, Chelsea, Dedham, East Boston, Everett, Hyde Park, JAMAICA PLAIN, MILTON, Newton, QUINCY, Revere, ROXBURY, Somerville, SOUTH BOSTON, Watertown, Winthrop</p> <p>Zone 2 Arlington, Belmont, Burlington, Canton, Cohasset, Hingham, Hull, Lexington, Lincoln, Lynn, Malden, Medford, Melrose, Needham, Norwood, Randolph, Reading, Stoneham, Wakefield, Waltham, Wellesley, Weymouth, Winchester, Woburn</p>

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.1 Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5A</b> <b>Calling Areas for Metropolitan Boston Exchanges</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
East Boston	<p>Zone 1 Arlington, Belmont, BOSTON CENTRAL, Brighton, Brookline, Cambridge, CHARLESTOWN, CHELSEA, Dorchester, Everett, Jamaica Plain, Lynn, Malden, Medford, Melrose, Milton, REVERE, Roxbury, Saugus, Somerville, South Boston, Stoneham, Watertown, Winchester, WINTHROP</p> <p>Zone 2 Braintree, Burlington, Cohasset, Dedham, Hingham, Hull, Hyde Park, Lexington, Lincoln, Needham, Newton, Norwood, Quincy, Randolph, Reading, Wakefield, Waltham, Wellesley, Weymouth, Woburn</p>
Everett	<p>Zone 1 Arlington, Belmont, Boston Central, Brighton, Brookline, Cambridge, CHARLESTOWN, CHELSEA, Dorchester, East Boston, Jamaica Plain, Lynn, MALDEN, MEDFORD, Melrose, REVERE, Roxbury, Saugus, SOMERVILLE, South Boston, Stoneham, Wakefield, Watertown, Winchester, Winthrop, Woburn</p> <p>Zone 2 Braintree, Burlington, Dedham, Hingham, Hull, Hyde Park, Lexington, Lincoln, Milton, Needham, Newton, Quincy, Reading, Waltham, Wellesley, Weymouth</p>
Hingham	<p>Zone 1 Braintree, COHASSET, HULL, NORWELL, Quincy, ROCKLAND, SCITUATE, WEYMOUTH</p> <p>Zone 2 Boston Central, Brighton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lynn, Malden, Randolph, Revere, Roxbury, Somerville, South Boston, Winthrop</p>
Hull	<p>Zone 1 Braintree, COHASSET, HINGHAM, Quincy, Weymouth</p> <p>Zone 2 Boston Central, Brighton, Brookline, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lynn, Malden, Medford, Melrose, Milton, Randolph, Revere, Roxbury, Somerville, South Boston, Winthrop</p>
Hyde Park	<p>Zone 1 Boston Central, Braintree, Brighton, Brookline, Cambridge, CANTON, DEDHAM, Dorchester, JAMAICA PLAIN, MILTON, Needham, Newton, Norwood, Quincy, Randolph, Roxbury, South Boston</p> <p>Zone 2 Arlington, Belmont, Charlestown, Chelsea, East Boston, Everett, Hingham, Hull, Lexington, Lincoln, Malden, Medford, Melrose, Revere, Somerville, Stoneham, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn</p>

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.1 Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5A</b> <b>Calling Areas for Metropolitan Boston Exchanges</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Jamaica Plain	<p>Zone 1 Arlington, Belmont, BOSTON CENTRAL, Brighton, BROOKLINE, Cambridge, Charlestown, Chelsea, DEDHAM, DORCHESTER, East Boston, Everett, HYDE PARK, Medford, MILTON, NEEDHAM, NEWTON, Quincy, ROXBURY, Somerville, South Boston, Waltham, Watertown, Winthrop</p> <p>Zone 2 Braintree, Burlington, Canton, Hingham, Hull, Lexington, Lincoln, Lynn, Malden, Melrose, Norwood, Randolph, Reading, Revere, Stoneham, Wakefield, Wellesley, Weymouth, Winchester, Woburn</p>
Lexington	<p>Zone 1 ARLINGTON, BELMONT, BILLERICA, Brighton, BURLINGTON, CONCORD, LINCOLN, Medford, Newton, Somerville, Stoneham, WALTHAM, Watertown, WINCHESTER, WOBURN</p> <p>Zone 2 Boston Central, Brookline, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lynn, Malden, Melrose, Milton, Needham, Reading, Revere, Roxbury, South Boston, Wakefield, Wellesley, Winthrop</p>
Lincoln	<p>Zone 1 Arlington, Belmont, CONCORD, LEXINGTON, Newton, WALTHAM, Watertown, WAYLAND</p> <p>Zone 2 Boston Central, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Malden, Medford, Melrose, Needham, Reading, Revere, Roxbury, Somerville, South Boston, Stoneham, Wakefield, Wellesley, Winchester, Woburn</p>
Malden	<p>Zone 1 Arlington, Belmont, Boston Central, Brighton, Brookline, Cambridge, Charlestown, Chelsea, East Boston, EVERETT, Lynn, MEDFORD, MELROSE, Reading, REVERE, Roxbury, SAUGUS, Somerville, South Boston, Stoneham, Wakefield, Watertown, Winchester, Winthrop, Woburn</p> <p>Zone 2 Braintree, Burlington, Dedham, Dorchester, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Milton, Needham, Newton, Quincy, Waltham, Wellesley, Weymouth</p>

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.1 Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5A</b> <b>Calling Areas for Metropolitan Boston Exchanges</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Medford	<p>Zone 1 ARLINGTON, Belmont, Boston Central, Brighton, Brookline, Burlington, Cambridge, Charlestown, Chelsea, East Boston, EVERETT, Jamaica Plain, Lexington, MALDEN, MELROSE, Newton, Reading, Revere, Roxbury, Saugus, SOMERVILLE, South Boston, STONEHAM, Wakefield, Waltham, Watertown, WINCHESTER, Winthrop, Woburn</p> <p>Zone 2 Braintree, Dedham, Dorchester, Hull, Hyde Park, Lincoln, Lynn, Milton, Needham, Newton, Quincy, Wellesley</p>
Melrose	<p>Zone 1 Arlington, Belmont, Boston Central, Burlington, Cambridge, Charlestown, Chelsea, East Boston, Everett, Lynn, MALDEN, MEDFORD, Reading, Revere, SAUGUS, Somerville, STONEHAM, WAKEFIELD, Winchester, Winthrop, Woburn</p> <p>Zone 2 Brighton, Brookline, Dedham, Dorchester, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Milton, Needham, Newton, Quincy, Roxbury, South Boston, Waltham, Watertown, Wellesley</p>
Milton	<p>Zone 1 Boston Central, BRAINTREE, Brighton, Brookline, Cambridge, CANTON, Charlestown, Dedham, DORCHESTER, East Boston, HYDE PARK, JAMAICA PLAIN, QUINCY, RANDOLPH, Roxbury, South Boston, Weymouth</p> <p>Zone 2 Arlington, Belmont, Chelsea, Cohasset, Everett, Hingham, Hull, Lexington, Lynn, Malden, Medford, Melrose, Needham, Newton, Norwood, Revere, Somerville, Stoneham, Waltham, Watertown, Wellesley, Winchester, Winthrop, Woburn</p>
Needham	<p>Zone 1 Brighton, Brookline, DEDHAM, DOVER, Hyde Park, JAMAICA PLAIN, NEWTON, Norwood, Waltham, WELLESLEY</p> <p>Zone 2 Arlington, Belmont, Boston Central, Braintree, Burlington, Cambridge, Canton, Charlestown, Chelsea, Dorchester, East Boston, Everett, Lexington, Lincoln, Malden, Medford, Melrose, Milton, Quincy, Randolph, Revere, Roxbury, Somerville, South Boston, Stoneham, Weymouth, Winchester, Winthrop, Woburn</p>
Newton	<p>Zone 1 Arlington, Belmont, Boston Central, BRIGHTON, BROOKLINE, Cambridge, Charlestown, Dedham, Dorchester, Hyde Park, JAMAICA PLAIN, Lexington, Lincoln, Medford, NEEDHAM, Roxbury, Somerville, South Boston, WALTHAM, WATERTOWN, WELLESLEY, Winchester</p> <p>Zone 2 Braintree, Burlington, Canton, Chelsea, East Boston, Everett, Lynn, Malden, Melrose, Milton, Norwood, Quincy, Randolph, Reading, Revere, Stoneham, Wakefield, Winthrop, Woburn</p>

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.1 Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5A</b> <b>Calling Areas for Metropolitan Boston Exchanges</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Norwood	<p>Zone 1 CANTON, DEDHAM, DOVER, Hyde Park, Needham, SHARON, WALPOLE</p> <p>Zone 2 Arlington, Belmont, Boston Central, Braintree, Brighton, Brookline, Cambridge, Charlestown, Dorchester, East Boston, Jamaica Plain, Milton, Newton, Quincy, Randolph, Roxbury, Somerville, South Boston, Waltham, Watertown, Wellesley, Weymouth</p>
Quincy	<p>Zone 1 Boston Central, BRAINTREE, Brookline, DORCHESTER, Hingham, Hull, Hyde Park, Jamaica Plain, MILTON, Randolph, Roxbury, South Boston, WEYMOUTH</p> <p>Zone 2 Arlington, Belmont, Brighton, Cambridge, Canton, Charlestown, Chelsea, Cohasset, Dedham, East Boston, Everett, Lynn, Malden, Medford, Melrose, Needham, Newton, Norwood, Revere, Somerville, Stoneham, Waltham, Watertown, Wellesley, Winchester, Winthrop</p>
Randolph	<p>Zone 1 BRAINTREE, BROCKTON, CANTON, Hyde Park, MILTON, Quincy, ROCKLAND, STOUGHTON, WEYMOUTH</p> <p>Zone 2 Brighton, Boston Central, Brookline, Cambridge, Charleston, Chelsea, Cohasset, Dedham, Dorchester, East Boston, Hingham, Hull, Jamaica Plains, Needham, Newton, Norwood, Roxbury, Somerville, South Boston, Watertown, Wellesley, Winthrop</p>
Reading	<p>Zone 1 Arlington, Burlington, LYNNFIELD, Malden, Medford, Melrose, NORTH READING, Saugus, STONEHAM, WAKEFIELD, WILMINGTON, Winchester, WOBURN</p> <p>Zone 2 Belmont, Boston Central, Brighton, Brookline, Cambridge, Charlestown, Chelsea, Dorchester, East Boston, Everett, Jamaica Plain, Lexington, Lincoln, Lynn, Newton, Revere, Roxbury, Somerville, South Boston, Waltham, Watertown, Winthrop</p>
Revere	<p>Zone 1 Arlington, Boston Central, Brookline, Cambridge, Charlestown, CHELSEA, Dorchester, EAST BOSTON, EVERETT, LYNN, MALDEN, Medford, Melrose, Roxbury, SAUGUS, Somerville, South Boston, Stoneham, Wakefield, Winchester, WINTHROP</p> <p>Zone 2 Belmont, Braintree, Brighton, Burlington, Cohasset, Dedham, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Milton, Needham, Newton, Quincy, Reading, Waltham, Watertown, Wellesley, Weymouth, Woburn</p>

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.1 Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5A</b> <b>Calling Areas for Metropolitan Boston Exchanges</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Roxbury	<p>Zone 1 Arlington, Belmont, BOSTON CENTRAL, Brighton, BROOKLINE, Cambridge, Charlestown, Chelsea, Dedham, DORCHESTER, East Boston, Everett, Hyde Park, JAMAICA PLAIN, Malden, Medford, Milton, Newton, Quincy, Revere, Somerville, SOUTH BOSTON, Watertown, Winthrop</p> <p>Zone 2 Braintree, Burlington, Canton, Cohasset, Hingham, Hull, Lexington, Lincoln, Lynn, Melrose, Needham, Norwood, Randolph, Reading, Stoneham, Wakefield, Waltham, Wellesley, Weymouth, Winchester, Woburn</p>
Somerville	<p>Zone 1 ARLINGTON, Belmont, Boston Central, Brighton, Brookline, CAMBRIDGE, CHARLESTOWN, Chelsea, Dorchester, East Boston, EVERETT, Jamaica Plain, Lexington, Malden, MEDFORD, Melrose, Newton, Revere, Roxbury, Saugus, South Boston, Stoneham, Waltham, Watertown, Winchester, Winthrop, Woburn</p> <p>Zone 2 Braintree, Burlington, Dedham, Hingham, Hull, Hyde Park, Lincoln, Lynn, Milton, Needham, Norwood, Quincy, Randolph, Reading, Wakefield, Wellesley, Weymouth</p>
South Boston	<p>Zone 1 Arlington, Belmont, BOSTON CENTRAL, Brighton, Brookline, Cambridge, Charlestown, Chelsea, DORCHESTER, East Boston, Everett, Hyde Park, Jamaica Plain, Malden, Medford, Milton, Newton, Quincy, Revere, ROXBURY, Somerville, Watertown, Winthrop</p> <p>Zone 2 Braintree, Burlington, Canton, Cohasset, Dedham, Hingham, Hull, Lexington, Lincoln, Lynn, Melrose, Needham, Norwood, Randolph, Reading, Stoneham, Wakefield, Waltham, Wellesley, Weymouth, Winchester, Woburn</p>
Stoneham	<p>Zone 1 Arlington, Belmont, Burlington, Cambridge, Charlestown, Chelsea, East Boston, Everett, Lexington, Lincoln, Lynn, Malden, MEDFORD, MELROSE, READING, Revere, Saugus, Somerville, WAKEFIELD, WINCHESTER, WOBURN</p> <p>Zone 2 Boston Central, Brighton, Brookline, Dorchester, Hyde Park, Jamaica Plain, Lincoln, Milton, Needham, Newton, Quincy, Roxbury, South Boston, Waltham, Watertown, Wellesley, Winthrop</p>

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.1 Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5A</b> <b>Calling Areas for Metropolitan Boston Exchanges</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Wakefield	<p>Zone 1 Arlington, Burlington, Chelsea, Everett, LYNN, LYNNFIELD, Malden, Medford, MELROSE, READING, Revere, SAUGUS, STONEHAM, Winchester, Woburn</p> <p>Zone 2 Belmont, Boston Central, Brighton, Brookline, Cambridge, Charlestown, Dorchester, East Boston, Jamaica Plain, Lexington, Lincoln, Newton, Roxbury, Somerville, South Boston, Waltham, Watertown, Winthrop</p>
Waltham	<p>Zone 1 Arlington, BELMONT, Brighton, Brookline, Cambridge, Jamaica Plain, LEXINGTON, LINCOLN, Medford, NATICK, Needham, NEWTON, Somerville, WATERTOWN, WAYLAND, WELLESLEY, Winchester</p> <p>Zone 2 Boston Central, Burlington, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Malden, Melrose, Milton, Norwood, Quincy, Reading, Revere, Roxbury, South Boston, Stoneham, Wakefield, Winthrop, Woburn</p>
Watertown	<p>Zone 1 Arlington, BELMONT, Boston Central, BRIGHTON, Brookline, CAMBRIDGE, Charlestown, Chelsea, Dorchester, East Boston, Everett, Jamaica Plain, Lexington, Lincoln, Malden, Medford, Needham, NEWTON, Roxbury, Somerville, South Boston, WALTHAM, Wellesley, Winchester</p> <p>Zone 2 Braintree, Burlington, Canton, Dedham, Hyde Park, Lynn, Melrose, Milton, Norwood, Quincy, Randolph, Reading, Revere, Stoneham, Wakefield, Winthrop, Woburn</p>
Wellesley	<p>Zone 1 Belmont, Brighton, Brookline, Dedham, DOVER, NATICK, NEEDHAM, NEWTON, WALTHAM, Watertown</p> <p>Zone 2 Arlington, Boston Central, Braintree, Burlington, Cambridge, Canton, Charlestown, Chelsea, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Lexington, Lincoln, Malden, Medford, Melrose, Milton, Norwood, Quincy, Randolph, Revere, Roxbury, Somerville, South Boston, Stoneham, Winchester, Winthrop, Woburn</p>

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<b>Exhibit 5A</b> <b>Calling Areas for Metropolitan Boston Exchanges</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Weymouth	<p>Zone 1 BRAintree, Cohasset, HINGHAM, Hull, Milton, QUINCY, RANDOLPH, ROCKLAND</p> <p>Zone 2 Boston Central, Brighton, Brookline, Cambridge, Canton, Charlestown, Chelsea, Dedham, Dorchester, East Boston, Everett, Hyde Park, Jamaica Plain, Malden, Needham, Norwood, Revere, Roxbury, Somerville, South Boston, Winthrop</p>
Winchester	<p>Zone 1 ARLINGTON, Belmont, Brighton, Burlington, Cambridge, Charlestown, Chelsea, East Boston, Everett, LEXINGTON, Malden, MEDFORD, Melrose, Newton, Reading, Revere, Saugus, Somerville, STONEHAM, Wakefield, Waltham, Watertown, WOBURN</p> <p>Zone 2 Boston Central, Brookline, Dedham, Dorchester, Hyde Park, Jamaica Plain, Lincoln, Lynn, Milton, Needham, Quincy, Roxbury, South Boston, Wellesley, Winthrop</p>
Winthrop	<p>Zone 1 Boston Central, Brookline, Cambridge, Charlestown, Chelsea, Dorchester, EAST BOSTON, Everett, Jamaica Plain, Lynn, Malden, Medford, Melrose, REVERE, Roxbury, Saugus, Somerville, South Boston</p> <p>Zone 2 Arlington, Belmont, Braintree, Brighton, Burlington, Cohasset, Dedham, Hingham, Hull, Hyde Park, Lexington, Milton, Needham, Newton, Quincy, Randolph, Reading, Stoneham, Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Woburn</p>
Woburn	<p>Zone 1 Arlington, Belmont, BURLINGTON, Everett, LEXINGTON, Malden, Medford, Melrose, READING, Saugus, Somerville, STONEHAM, Wakefield, WILMINGTON, WINCHESTER</p> <p>Zone 2 Boston Central, Brighton, Brookline, Cambridge, Charlestown, Chelsea, Dorchester, East Boston, Hyde Park, Jamaica Plain, Lincoln, Lynn, Milton, Needham, Newton, Revere, Roxbury, South Boston, Waltham, Watertown, Wellesley, Winthrop</p>

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.2 Outside Metropolitan Boston Exchanges**

- A. 617/508 LATA – The local calling area of each exchange or locality includes all the central offices and localities of the exchange. In addition, the local calling area consists of contiguous exchanges within the LATA and certain additional exchanges and localities. Exchanges enclosed within [ ] indicates exchange in different LATA (refer to Exhibit 5B). For all exchanges except for Burlington, Lynn and Saugus, the following apply.
1. Unlimited Service. Provides for unlimited calling within the entire local calling area for the exchange.
  2. Measured Service. Provides for calls within the local calling area that are timed and charged the appropriate usage rates for Zone 1.
- B. 413 LATA – The local calling area of each exchange or locality includes all the central offices and localities of the exchange. Exchanges enclosed within [ ] indicates exchange in different LATA (refer to Exhibit 5C).
1. Unlimited Service. Provides for unlimited local calling within the entire local calling area for the exchange.
  2. Measured Service. Provides for calls within the local calling area that are timed and charged the appropriate usage rates.

**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.2 Outside Metropolitan Boston Exchanges**

<b>Exhibit 5B</b> <b>Calling Areas Outside Metropolitan Boston Exchanges-617/508</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Acton	Concord, Harvard, Littleton, Maynard, Westford
Amesbury	Merrimac, Newburyport, [South Hampton, NH Locality], West Newbury
Andover	Lawrence, Lowell, North Reading, Wilmington
Ashburnham	Ashby, Fitchburg, Gardner, Westminster, Winchendon
Ashby	Ashburnham, Fitchburg, Townsend
Assonet	Fall River, Rochester, Taunton
Athol (New Salem, Orange and Warwick only)	[Amherst] (Leverett, Shutesbury and Sunderland only), [Ashfield], [Bernardston], [Charlemont], [Corlain], [Conway], [Fitzwilliam, NH], [Greenfield], [Millers Falls], [Monroe Bridge Locality], [Montague], [Northfield], Orange, Petersham, [Shelburne Falls], [South Deerfield], Templeton, [Turners Falls], Winchendon, [Winchester, NH]
Athol (Other)	[Fitzwilliam, NH], Orange, Petersham, Templeton, Winchendon, [Winchester, NH]
Attleboro	Mansfield, North Attleboro, Norton, Rehoboth Zone, Southgate Locality
Auburn	Boylston, Grafton, Holden, Leicester, Millbury, Oxford, Oakham, Rutland, Shrewsbury, Spencer, West Boylston, Worcester
Ayer	Bolton, Clinton, Groton, Harvard, Leominster, Littleton, Shirley
Barnstable	Dennis, Hyannis, Osterville, Sagamore
Barre	[Gilbertville], Hubbardston, North Brookfield, Oakham, Petersham, Rutland, Templeton
Bellingham	Blackstone Locality, Franklin, Medway, Milford
Berlin	Bolton, Boylston, Clinton, Hudson, Marlboro, Northboro
Beverly	Danvers, Hamilton, Manchester, Peabody, Salem
Billerica	Burlington, Concord, Lexington, Lowell, Wilmington
Blackstone Locality	Bellingham, [Cumberland Hill, RI], Franklin, Milford, Uxbridge, [Woonsocket, RI], Wrentham
Bolton	Ayer, Berlin, Clinton, Harvard, Hudson, Maynard
Boylston	Auburn, Berlin, Clinton, Grafton, Holden, Leicester, Millbury, Northboro, Oakham, Rutland, Spencer, Shrewsbury, Sterling, West Boylston, Worcester
Brewster	Dennis, Harwich, Orleans
Bridgewater	Brockton, Bryantville, East Bridgewater, Middleboro, Taunton
Brockton	Bridgewater, East Bridgewater, Easton, Randolph, Rockland, Stoughton, Taunton, Whitman
Bryantville	Bryantville, Bridgewater, East Bridgewater, Hanover, Kingston, Middleboro, Whitman
Burlington	Zone 1 Arlington, Belmont, BILLERICA, LEXINGTON, Medford, Melrose, Reading, Stoneham, Wakefield, WILMINGTON, Winchester, WOBURN  Zone 2 Boston Central, Brighton, Brookline, Cambridge, Charlestown, Chelsea, Dorchester, East Boston, Everett, Jamaica Plain, Lincoln, Malden, Needham, Newton, Revere, Roxbury, Somerville, South Boston, Waltham, Watertown, Wellesley, Winthrop
Buzzards Bay	Cataumet, Plymouth, Sagamore, Wareham

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5B</b>	
<b>Calling Areas Outside Metropolitan Boston Exchanges-617/508</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Carver	Kingston, Middleboro, Plymouth, Wareham
Cataumet	Buzzards Bay, Falmouth, Osterville, Sagamore
Charlton	Leicester, North Brookfield, Oxford, Southbridge, Spencer, Sturbridge, Webster
Chatham	Harwich, Orleans
Chilmark	Edgartown, Vineyard Haven
Clinton	Ayer, Berlin, Bolton, Boylston, Leominster, Sterling, West Boylston, Worcester
Concord	Acton, Billerica, Lexington, Lincoln, Lowell, Maynard, Sudbury, Wayland, Westford
Danvers	Beverly, Hamilton, Lawrence, Lynnfield, North Reading, Peabody, Salem, Topsfield
Dennis	Barnstable, Brewster, Harwich, Hyannis
Dighton	Falls River, Rehoboth Zone, Taunton
Dover	Dedham, Medfield, Natick, Needham, Norwood, Walpole, Wellesley
Duxbury	Kingston, Marshfield
East Bridgewater	Bridgewater, Brockton, Bryantville, Whitman
East Douglas	Millbury, Oxford, [Pascoag, RI], Uxbridge, Webster, Whitinsville
Easton	Brockton, Mansfield, Norton, Sharon, Stoughton, Taunton
Edgartown	Chilmark, Vineyard Haven
Essex	Gloucester, Hamilton, Ipswich, Manchester
Fall River	Assonet, Dighton, [Little Compton, RI], New Bedford, North Swansea Locality, Rehoboth, Rochester, [Tiverton, RI], Westport
Framington	Holliston, Hopkinton, Marlboro, Natick, Sudbury, Wayland
Franklin	Bellingham, Blackstone Locality, Medfield, Medway, Millis, Walpole, Wrentham
Gardner	Ashburnham, Hubbardston, Templeton, Westminster, Winchendon
Georgetown	Harverhill, Lawrence, Newburyport, Rowley, Topsfield
Gloucester	Essex, Manchester, Rockport
Grafton	Auburn, Boylston, Holden, Leicester, Millbury, Oakham, Rutland, Shrewsbury, Spencer, Upton, West Boylston, Westboro, Whintinsville, Worcester
Groton	Ayer, Littleton, Lunenburg, Pepperell, Shirley, Townsend, Tyngsboro, Westford
Hamilton	Beverly, Danvers, Essex, Ipswich, Manchester, Topsfield
Hanover	Bryantville, Kingston, Marshfield, Norwell, Rockland, Whitman
Harvard	Acton, Ayer, Bolton, Littleton, Maynard
Harwich	Brewster, Chatham, Dennis, Orleans
Haverhill	Georgetown, [Hampstead, NH], [Kingston, NH], Lawrence, Merrimac, Newburyport, [Plaistow, NH], West Newbury
Holden	Auburn, Boylston, Grafton, Leicester, Millbury, Oakham, Princeton, Rutland, Shrewsbury, Spencer, Sterling, West Boylston, Worcester
Holliston	Framingham, Hopkinton, Medway, Milford, Millis, Natick
Hopkinton	Framingham, Holliston, Marlboro, Milford, Upton, Westboro
Hubbardston	Barre, Gardner, Princeton, Rutland, Templeton, Westminster
Hudson	Berlin, Bolton, Marlboro, Maynard, Sudbury

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5B</b>	
<b>Calling Areas Outside Metropolitan Boston Exchanges-617/508</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Hyannis	Barnstable, Dennis, Osterville
Ipswich	Essex, Hamilton, Rowley, Topsfield
Kingston	Bryantville, Carver, Duxbury, Hanover, Marshfield, Middleboro, Plymouth
Lawrence	Andover, Danvers, Georgetown, Haverhill, Lowell, North Reading, [Salem, NH], Topsfield
Leicester	Auburn, Boylston, Charlton, Grafton, Holden, Millbury, Oakham, Oxford, Rutland, Shrewsbury, Spencer, West Boylston, Worcester
Leominster	Ayer, Clinton, Fitchburg, Lunenburg, Princeton, Shirley, Sterling, Westminster
Littleton	Acton, Ayer, Groton, Harvard, Westford
Lowell	Andover, Billerica, Concord, Lawrence, [Palham, NH], Tyngsboro, Westford, Wilmington
Lunenburg	Fitchburg, Groton, Leominster, Shirley, Townsend
Lynn	Zone 1 Chelsea, East Boston, Everett, LYNNFIELD, Malden, MARBLEHEAD, Melrose, PEABODY, REVERE, SALEM, SAUGUS, Stoneham, WAKEFIELD, Winthrop  Zone 2 Arlington, Belmont, Boston Central, Brighton, Brookline, Cambridge, Charlestown, Dorchester, Hingham, Hull, Jamaica Plain, Lexington, Medford, Milton, Newton, Quincy, Reading, Roxbury, Somerville, South Boston, Watertown, Winchester, Woburn
Lynnfield	Danvers, Lynn, North Reading, Peabody, Reading, Saugus, Wakefield
Manchester	Beverly, Essex, Gloucester, Hamilton
Mansfield	Attleboro, Easton, Foxboro, North Attleboro, Norton, Sharon
Marblehead	Lynn, Salem
Marion	Mattapoisett, Rochester, Wareham
Marlboro	Berlin, Framingham, Hopkinton, Hudson, Maynard, Northboro, Sudbury, Westbury
Marshfield	Dixbury, Hanover, Kington, Norwell, Scituate
Mattapoisett	Marion, New Bedford, Rochester
Maynard	Acton, Bolton, Concord, Havard, Hudson, Marlboro, Sudbury
Medfield	Dover, Franklin, Millis, Natick, Walpole
Medway	Bellingham, Franklin, Holliston, Milford, Millis
Merrimac	Amesbury, Haverhill, West Newbury
Middleboro	Bridgewater, Bryantville, Carver, Kingston, Rochester, Taunton, Wareham
Milford	Bellingham, Blackstone Locality, Holliston, Hopkinton, Medway, Upton, Uxbridge, Whitinsville
Millbury	Auburn, Boylston, East Douglas, Grafton, Holden, Leicester, Oakham, Oxford, Rutland, Shrewsbury, Spencer, West Boylston, Whitinsville, Worcester
Millis	Franklin, Holliston, Medfield, Medway, Natick
Nantucket	Siasconset
Natick	Dover, Framingham, Holliston, Medfield, Millis, Waltham, Wayland, Wellesley
New Bedford	Fall River, Mattapoisett, Rochester, Westport
Newburyport	Amesbury, Georgetown, Haverhill, Rowley, [Seabrook, NH], West Newbury

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5B</b>	
<b>Calling Areas Outside Metropolitan Boston Exchanges-617/508</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
North Attleboro	Attleboro, Foxboro, Mansfield, Southgate Locality, Wrentham
Northboro	Berlin, Boylston, Marlboro, Shrewsbury, Westboro, Worcester
North Brookfield	Barre, Charlton, [Gilbertville], Oakham, Spencer, Sturbridge, [Warren]
North Reading	Andover, Danvers, Lawrence, Lynnfield, Reading, Wilmington
North Swansea Locality	[Bristol, RI Zone], Fall River, [Providence, RI Zone], Rehoboth Zone, Seekonk Locality, [Warren, RI Zone]
Norton	Attleboro, Easton, Mansfield, Rehoboth Zone, Taunton
Norwell	Hanover, Hingham, Marshfield, Rockland, Scituate
Oakham	Auburn, Barre, Boylston, Grafton, Holden, Leicester, Millbury, North Brookfield, Rutland, Shrewsbury, Spencer, West Boylston, Worcester
Orange	[Amherst], (Leverett, Shutesbury, and Sunderland only), [Ashfield], Athol, [Bernardston], [Charlemont], [Colrain], [Conway], [Greenfield], [Millers Falls], [Montague], [Monroe Bridge Locality], [Northfield], Petersham, [Shelburne Falls], [South Deerfield], [Turners Falls]
Orleans	Brewster, Chatham, Harwich, Wellfleet
Osterville	Barnstable, Cataumet, Falmouth, Hyannis, Sagamore
Oxford	Auburn, Charlton, East Douglas, Leicester, Millbury, Webster, Worcester
Peabody	Beverly, Danvers, Lynn, Lynnfield, Salem
Pepperell	Groton, Townsend, Tyngsboro
Petersham	Athol, Barre, Orange, Templeton
Plymouth	Buzzards Bay, Carver, Kingston, Sagamore, Wareham
Princeton	Holden, Hubbardston, Leominster, Rutland, Sterling, Westminster
Provincetown	Wellfleet
Rehoboth (Zone of the Metropolitan Providence, RI Exchange)	Attleboro, Dighton, Fall River, North Swansea, Norton, [Providence, RI Zone], Seekonk Locality, Southgate Locality, Taunton
Rochester	Assonet, Fall River, Marion, Mattapoisett, Middleboro, New Bedford, Taunton, Wareham
Rockland	Brockton, Hanover, Hingham, Norwell, Randolph, Weymouth, Whitman
Rockport	Gloucester
Rowley	Georgetown, Ipswich, Newburyport, Topsfield
Rutland	Auburn, Barre, Boylston, Grafton, Holden, Hubbardston, Leicester, Millbury, Oakham, Princeton, Shrewsbury, Spencer, West Boylston, Worcester
Sagamore	Barnstable, Buzzards Bay, Cataumet, Osterville, Plymouth
Salem	Beverly, Danvers, Lynn, Marblehead, Peabody
Saugus	Zone 1 Arlington, Boston Central, Cambridge, Charlestown, Chelsea, East Boston, Everett, LYNN, LYNNFIELD, MALDEN, Medford, MELROSE, Reading, REVERE, Somerville, Stoneham, WAKEFIELD, Winchester, Winthrop, Woburn  Zone 2 None
Scituate	Cohasset, Hingham, Marshfield, Norwell

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5B</b>	
<b>Calling Areas Outside Metropolitan Boston Exchanges-617/508</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Seekonk Locality	[Bristol, RI], [Centredale, RI], [Coventy, RI], [Cumberland Hill, RI], [Greenwich, RI Zone], North Swansea Locality, [Pawtucket, RI], [Providence, RI], Rehoboth Zone, [Scituate, RI Zone], Southgate Locality, [Warren, RI], [Warwick, RI Zone]
Sharon	Canton, Easton, Foxboro, Mansfield, Norwood, Stoughton, Walpole
Shirley	Ayer, Groton, Leominster, Lunenburg
Shrewsbury	Auburn, Boylston, Grafton, Holden, Leicester, Millbury, Oakham, Northboro, Rutland, Spencer, West Boylston, Westboro, Worcester
Shirley	Ayer, Groton, Leominster, Lunenburg
Shrewsbury	Auburn, Boylston, Grafton, Holden, Leicester, Millbury, Oakham, Northboro, Rutland, Spencer, West Boylston, Westboro, Worcester
Siasconset	Nantucket
Southbridge	Charlton, Sturbridge, Webster
Southgate Locality	Attleboro, [Centredale, RI Zone], [Cumberland Hill, RI], North Attleboro, [Pawtucket, RI Zone], [Providence, RI Zone], Rehoboth Zone, Seekonk Locality
Spencer	Auburn, Boylston, Charlton, Grafton, Holden, Leicester, Millbury, North Brookfield, Oakham, Rutland, Shrewsbury, West Boylston, Worcester
Sterling	Boylston, Clinton, Holden, Leominster, Princeton, West Boylston, Worcester
Stoughton	Brockton, Canton, Easton, Randolph, Sharon
Sturbridge	[Brimfield], Charlton, North Brookfield, Southbridge, [Warren]
Sudbury	Concord, Framingham, Hudson, Marlboro, Maynard, Wayland
Taunton	Assonet, Bridgewater, Brockton, Dighton, Easton, Middleboro, Norton, Rehoboth Zone, Rochester
Templeton	Athol, Barre, Gardner, Hubbardston, Petersham, Winchendon
Topsfield	Danvers, Georgetown, Hamilton, Ipswich, Lawrence, Rowley
Townsend	Ashby, Fitchburg, Groton, Lunenburg, Pepperell
Tyngsboro	Groton, Lowell, [Nashua, NH], Pepperell, Westford
Upton	Grafton, Hopkinton, Milford, Westboro, Whitinsville

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5B</b>	
<b>Calling Areas Outside Metropolitan Boston Exchanges-617/508</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Uxbridge	Blackston Locality, East Douglas, Milford, [Pascoag, RI], Whitinsville
Vineyard Haven	Chilmark, Edgarton
Walpole	Dover, Foxboro, Franklin, Medfield, Norwood, Sharon, Wrentham
Wareham	Buzzards Bay, Carver, Marion, Middleboro, Plymouth, Rochester
Wayland	Concord, Framingham, Lincoln, Natick, Sudbury, Waltham
Webster	Charlton, East Douglas, [North Thompson, CT], Oxford, Southbridge
Wellfleet	Orleans, Provincetown
Westboro	Grafton, Hopkinton, Marlboro, Northboro, Shrewsbury, Upon, Worcester
West Boylston	Auburn, Boylston, Clinton, Grafton, Holden, Leicester, Millbury, Oakham, Rutland, Shrewsbury, Spencer, Sterling, Worcester
Westford	Acton, Concord, Groton, Littleton, Lowell, Tyngsboro
Westminster	Ashburnham, Fitchburg, Gardner, Hubbardston, Leominster, Princeton
West Newbury	Amesbury, Haverhill, Merrimac, Newburyport
Westport	Fall River, [Little Compton, RI], New Bedford
Whitinsville	East Douglas, Grafton, Millbury, Milford, Upton, Uxbridge
Whitman	Brockton, Bryantville, Burlington, Lowell, North Reading, Reading, Woburn
Wilmington	Andover, Billerica, Burlington, Lowell, North Reading, Reading, Woburn
Winchendon	Ashburnham, Athol, [Fitzwilliam, NH], Gardner, [Rindge, NH], Templeton
Worcester	Auburn, Boylston, Clinton, Grafton, Holden, Leicester, Millbury, Northboro, Oakham, Oxford, Rutland, Shrewsbury, Spencer, Sterling, West Boylston, Westboro
Wrentham	Blackstone Locality, Foxboro, Franklin, North Attleboro, Walpole

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5B</b>	
<b>Calling Areas Outside Metropolitan Boston Exchanges-413</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Adams	Charlemont, Cummington, Dalton, North Adams, Pittsfield, [Stamford, CT Locality], Williamstown
Amherst (Leverett, Shutesbury and Sunderland only)	Ashfield, [Athol], (Salem, Orange and Warwick only), Belchertown, Bernardston, Charlemont, Colrain, Conway, Greenfield, Hatfield, Holyoke, Millers Falls, Monroe Bridge Locality, Montague, Northampton, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls
Amherst (other)	Belchertown, Hatfield, Holyoke, Montague, Northampton, [Orange], South Deerfield
Ashfield	Amherst (Leverett, Shutesbury and Sunderland only), [Athol] (New Salem, Orange and Warwick only), Bernardston, Charlemont, Colrain, Conway, Cummington, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls, Williamsburg
Becket	Blandford, Chester, Hinsdale, Huntington, Lee, Lenox, Otis, Pittsfield, Worthington
Belchertown	Amherst, Ludlow, Palmer, Ware
Bernardston	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol] (New Salem, Orange and Warwick only), Charlemont, Colrain, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls
Blandford	Becket, Chester, Granville, Huntington, Otis, Russell, Sandisfield, Westfield
Brimfield	Monson, Palmer, [Sturbridge], Warren
Charlemont	Adams, Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol] (New Salem, Orange and Warwick only), Bernardston, Colrain, Conway, Cummington, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, North Adams, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls
Chester	Becket, Blandford, Huntington, Otis
Chesterfield	Cummington, Easthampton, Huntington, Williamsburg, Worthington
Chicopee	East Longmeadow, Granby (exchange of the Granby Telephone and Telegraph Company), Hampden, Holyoke, Longmeadow, Ludlow, Southwick, Springfield, Westfield, Wilbraham
Colrain	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol], (New Salem, Orange, and Warwick only), Bernardston, Charlemont, Colrain, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls, Williamsburg
Cummington	Adams, Ashfield, Charlemont, Chesterfield, Dalton, Hinsdale, Williamsburg, Worthington
Dalton	Adams, Cummington, Hinsdale, Pittsfield
Easthampton	Chesterfield, Holyoke, Huntington, Northampton, Russell, Westfield, Williamsburg
East Longmeadow	Chicopee, Hampden, Holyoke, Longmeadow, Ludlow, Southwick, Springfield, Westfield, Wilbraham
Gilbertville	[Barre], [North Brookfield], Ware
Granville	Blandford, Sandisfield, Southwick, Westfield
Great Barrington	Housatonic, Lee, Otis, Sandisfield, Stockbridge, Sheffield, West Stockbridge

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5B</b>	
<b>Calling Areas Outside Metropolitan Boston Exchanges-413</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Greenfield	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol] (New Salem, Orange, and Warwick only), Bernardston, Charlemont, Colrain, Conway, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls
Hampden	Chicopee, East Longmeadow, Holyoke, Longmeadow, Ludlow, Monson, Southwick, Springfield, Westfield, Wilbraham
Hatfield	Amherst, Northampton, South Deerfield, Williamsburg
Hinsdale	Becket, Cummington, Dalton, Pittsfield, Worthington
Holyoke	Amherst, Chicopee, Easthampton, East Longmeadow, Granby (exchange of the Granby Telephone and Telegraph Company), Hampden, Longmeadow, Ludlow, Northampton, Southwick, Springfield, Westfield, Wilbraham
Housatonic	Great Barrington, Stockbridge, West Stockbridge
Huntington	Becket, Blandford, Chester, Chesterfield, Easthampton, Russell, Worthington
Lee	Becket, Great Barrington, Lenox, Otis, Stockbridge
Lenox	Becket, Lee, Pittsfield, Stockbridge, West Stockbridge
Longmeadow	Chicopee, East Longmeadow, Hampden, Holyoke, Ludlow, Southwick, Springfield, Westfield, Wilbraham
Ludlow	Belchertown, Chicopee, East Longmeadow, Hampden, Holyoke, Longmeadow, Palmer, Southwick, Springfield, Westfield, Wilbraham
Millers Falls	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol] (New Salem, Orange, and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls
Monroe Bridge Locality	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol] (New Salem, Orange, and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, [Jacksonville, VT], Millers Falls, Montague, North Adams, Northfield, [Orange], [Readsboro, VT], Shelburne Falls, South Deerfield, [Stamford, VT Locality], Turners Falls
Monson	Brimfield, Hampden, Palmer, Wilbraham
Montague	Amherst, Ashfield, [Athol] (New Salem, Orange, and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Northfield, [Orange], Shelburne Falls, South Deerfield, Turners Falls
North Adams	Adams, Charlemont, Monroe Bridge Locality, [Pownal, CT], [Readsboro, CT], [Stamford, VT Locality], Williamstown
Northampton	Amherst, Easthampton, Hatfield, Holyoke, Williamsburg
Northfield	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol], (New Salem, Orange and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, [Orange], Shelburne Falls, South Deerfield, Turners Falls, [Winchester, NH]
Otis	Becket, Blandford, Chester, Great Barrington, Lee, Sandisfield
Palmer	Belchertown, Brimfield, Ludlow, Monson, Ware, Warren, Wilbraham
Pittsfield	Adams, Becket, Dalton, Hinsdale, Lenox, Richmond (exchange of the Richmond Tel. Co.), Williamstown
Russell	Blandford, Easthampton, Huntington, Westfield
Sandfield	Blandford, Granville, Great Barrington, Otis, Sheffield, [Winstead, CT]
Sheffield	Great Barrington, Sandisfield

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.1 Local Calling Areas (Cont'd)****5.1.2 Outside Metropolitan Boston Exchanges (Cont'd)**

<b>Exhibit 5B</b>	
<b>Calling Areas Outside Metropolitan Boston Exchanges-413</b>	
<b>Home Exchange or Locality</b>	<b>Additional Exchange, Zone and Locality Areas Included in the Local Calling Area</b>
Shelburne Falls	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol] (new Salem, Orange and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], South Deerfield, Turners Falls
South Deerfield	Amherst, Ashfield, [Athol], (New Salem, Orange, and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, Hatfield, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, Turners Falls, Williamsburg
Southwick	Chicopee, East Longmeadow, Granville, Hampden, Holyoke, Longmeadow, Ludlow, Springfield, Westfield, Wilbraham
Springfield	Chicopee, East Longmeadow, Hampden, Holyoke, Longmeadow, Ludlow, Southwick, Westfield, Wilbraham
Stockbridge	Great Barrington, Housatonic, Lee, Lenox, West Stockbridge
Turners Falls	Amherst (Leverett, Shutesbury and Sunderland only), Ashfield, [Athol], New Salem, Orange, and Warwick only), Bernardston, Charlemont, Colrain, Conway, Greenfield, Millers Falls, Monroe Bridge Locality, Montague, Northfield, [Orange], Shelburne Falls, South Deerfield
Ware	Belchertown, Gilbertville, Palmer, Warren
Warren	Brimfield, [North Brookfield], Palmer, [Sturbridge], Ware
Westfield	Blanford, Chicopee, Easthampton, East Longmeadow, Ludlow, Russell, Southwick, Springfield, Wilbraham
West Stockbridge	Great Barrington, Housatonic, Lenox, Stockbridge
Wilbraham	Chicopee, East Longmeadow, Hampden, Holyoke, Longmeadow, Ludlow, Monson, Palmer, Southwick, Springfield, Westfield
Williamsburg	Ashfield, Chesterfield, Conway, Cummington, Easthampton, Hatfield, Northampton, South Deerfield
Williamstown	Adams, North Adams, Pittsfield, [Pownal, VT], [Stamford, CT Locality]
Worthington	Becket, Chesterfield, Cummington, Hinsdale, Huntington

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services****5.2.1 Circle Calling Service**

- A. Circle Calling, furnished on a one-party residence service basis in certain exchanges and localities, provides for unlimited calling for customer dialed calls to exchanges and localities within the local calling area and to all other exchanges and localities of this Company within the LATA and within 20 rate miles of the Circle Calling exchange or locality. This applies to the following types of calls.
1. Customer dialed station-to-station sent-paid calls.
  2. Operator dialed station-to-station sent-paid calls when facilities are not available for customer dial completion.
  3. Operator dialed station-to-station sent-paid calls for handicapped persons unable to dial calls because of their handicap.
- B. Message Telecommunications Service (MTS) rates apply to calls which are not customer dialed to exchanges not within the local calling area.
- C. Circle Calling is not available on a foreign exchange service basis.
- D. In addition to the Circle Calling monthly rate, the monthly residence dial tone line rate and the residence one-party unlimited usage rate also apply.
- E. The Element 1 Service Order (Other Change) charge will not apply to customers ordering this service.

**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.1 Circle Calling Service (Cont'd)**

<b>Exhibit 5C</b> <b>Circle Calling Service-Unlimited Calling Areas</b>	
<b>Exchange</b>	<b>Exchanges, Zones and Localities Included in the Circle Calling Service Calling Area for Customer Dialed Calls</b>
Amherst (except as noted below)	Amherst, Ashfield, Belchertown, Chesterfield, Chicopee, Conway, Easthampton, Gilbertville, Greenfield, Hatfield, Holyoke, Ludlow, Millers Falls, Montague, Northampton, Palmer, Shelburne Falls, South Deerfield, Springfield, Turners Falls, Ware, Warren, Wilbraham, Williamsburg
Amherst (Leverett, Shutesbury and Sunderland only)	Amherst, Ashfield, Athol (New Salem, Orange and Warwick only), Belchertown, Bernardston, Charlemont, Chesterfield, Chicopee, Colrain, Conway, Easthampton, Gilbertville, Greenfield, Hatfield, Holyoke, Ludlow, Millers Falls, Monroe Bridge Locality, Montague, Northampton, Northfield, Orange, Palmer, Shelburne Falls, South Deerfield, Springfield, Turners Falls, Ware, Warren, Wilbraham, Williamsburg
Arlington	Action, Andover, Arlington, Belmont, Beverly, Billerica, Braintree, Brighton, Brookline, Burlington, Cambridge, Canton, Central, Charlestown, Chelsea, Concord, Danvers, Dedham, Dorchester, Dover, East Boston, Everett, Framingham, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Littleton, Lowell, Lynn, Lynnfield, Malden, Marblehead, Maynard, Medfield, Medford, Melrose, Milton, Natick, Needham, Newton, North Reading, Norwood, Peabody, Quincy, Randolph, Reading, Revere, Roxbury, Salem, Saugus, Somerville, South Boston, Stoneham, Sudbury, Topsfield, Wakefield, Walpole, Waltham, Watertown, Wayland, Wellesley, Westford, Weymouth, Wilmington, Winchester, Winthrop, Woburn
Belchertown	Amherst, Belchertown, Brimfield, Chicopee, Easthampton, East Longmeadow, Gilbertville, Hampden, Hatfield, Holyoke, Longmeadow, Ludlow, Monson, Montague, Northampton, Palmer, South Deerfield, Springfield, Ware, Warren, Wilbraham, Williamsburg
Bellingham	Attleboro, Auburn, Bellingham, Blackstone Locality, Canton, Dedham, Dover, East Douglas, Easton, Foxboro, Framingham, Franklin, Grafton, Holliston, Hopkinton, Mansfield, Marlboro, Medfield, Medway, Milford, Millbury, Millis, Natick, Needham, North Attleboro, Northboro, Norton, Norwood, Sharon, Shrewsbury, Southgate Locality, Stoughton, Sudbury, Upton, Uxbridge, Walpole, Wayland, Wellesley, Westboro, Whitinsville, Wrentham
Blackstone Locality	Attleboro, Bellingham, Blackstone Locality, Canton, Cumberland Hill, RI, Dover, East Douglas, Foxboro, Framingham, Grafton, Holliston, Hopkinton, Mansfield, Medfield, Medway, Milford, Millbury, Millis, Natick, North Attleboro, Norton, Norwood, Rehoboth, Seekonk Locality, Sharon, Southgate Locality, Upton, Uxbridge, Walpole, Webster, Westboro, Whitinsville, Wrentham and Woonsocket, RI
Bryantville	Braintree, Bridgewater, Brockton, Bryantville, Canton, Carver, Cohasset, Duxbury, East Bridgewater, Easton, Hanover, Hingham, Hull, Kingston, Mansfield, Marshfield, Middleboro, Milton, Norton, Norwell, Plymouth, Quincy, Randolph, Rochester, Rockland, Scituate, Sharon, Stoughton, Taunton, Weymouth, Whitman

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.1 Circle Calling Service (Cont'd)**

<b>Exhibit 5C</b> <b>Circle Calling Service-Unlimited Calling Areas</b>	
<b>Exchange</b>	<b>Exchanges, Zones and Localities Included in the Circle Calling Service Calling Area for Customer Dialed Calls</b>
Canton	Arlington, Attleboro, Bellingham, Belmont, Blackstone Locality, Braintree, Bridgewater, Brighton, Brockton, Brookline, Bryantville, Cambridge, Canton, Central, Charlestown, Chelsea, Cohasset, Dedham, Dorchester, Dover, East Boston, East Bridgewater, WEaston, Everett, Foxboro, Framingham, Franklin, Hanover, Hingham, Holliston, Hopkinton, Hull, Hyde Park, Jamaica Plain, Malden, Mansfield, Medfield, Medford, Medway, Milford, Millis, Milton, Natick, Needham, Newton, North Attleboro, Norton, Norwell, Norwood, Quincy, Randolph, Revere, Rockland, Roxbury, Sharon, Somerville, South Boston, Stoughton, Taunton, Walpole, Waltham, Watertown, Wayland, Wellesley, Weymouth, Whitman, Winthrop, Wrentham
Duxbury	Bridgewater, Brockton, Bryantville, Buzzards Bay, Carver, Cohasset, Duxbury, East Bridgewater, Hanover, Hingham, Kingston, Marshfield, Middleboro, Norwell, Plymouth, Rockland, Sagamore, Scituate, Wareham, Weymouth, Whitman
East Bridgewater	Assonet, Attleboro, Braintree, Bridgewater, Brockton, Bryantville, Canton, Carver, Cohasset, Dedham, Dighton, Dorchester, Duxbury, East Bridgewater, East, Foxboro, Hanover, Hingham, Hull, Hyde Park, Kingston, Mansfield, Marshfield, Middleboro, Milton, North Attleboro, Norton, Norwell, Norwood, Plymouth, Quincy, Randolph, Rehoboth Zone, Rochester, Rockland, Scituate, Sharon, Stoughton, Taunton, Walpole, Weymouth, Whitman, Wrentham
Easthampton	Amherst, Ashfield, Belchertown, Blandford, Chester, Chesterfield, Chicopee, Conway, Cummington, Easthampton, East Longmeadow, Gransville, Hamden, Hatfield, Holyoke, Huntington, Longmeadow, Ludlow, Montague, Northampton, Palmer, Russell, South Deerfield, Southwick, Springfield, Westfield, Wilbraham, Williamsburg, Worthington
Easton	Assonet, Attleboro, Bellingham, Braintree, Bridgewater, Brighton, Brockton, Brookline, Bryantville, Canton, Cohasset, Dedham, Dighton, Dorchester, Dover, East Bridgewater, Easton, Foxboro, Franklin, Hanover, Hingham, Holliston, Hull, Hyde Park, Jamaica Plan, Kingston, Mansfield, Marshfield, Medfield, Medway, Middleboro, Millis, Milton, Natick, Needham, North Attleboro, Norton, Norwell, Norwood, Quincy, Randolph, Rehoboth Zone, Rockland, Roxbury, Scituate, Sharon, South Boston, Southgate Locality, Stoughton, Taunton, Walpole, Wellesley, Weymouth, Whitman, Wrentham
Foxboro	Attleboro, Bellingham, Blackstone Locality, Braintree, Bridgewater, Brockton, Canton, Dedham, Dighton, Dorchester, Dover, East Bridgewater, Easton, Foxboro, Framingham, Franklin, Holliston, Hopkinton, Hyde Park, Jamaica Plain, Mansfield, Medfield, Medway, Milfor, Millis, Milton, Natick, Needham, North Attleboro, Norton, Norwood, Quincy, Randolph, Rehoboth Zone, Rockland, Seekonk Locality, Sharon, Southgate Locality, Stoughton, Taunton, Upton, Uxbridge, Walpole, Wellesley, Weymouth, Whitman, Wrentham
Franklin	Attleboro, Bellingham, Blackstone Locality, Brockton, Canton, Dedham, Dover, East Douglas, Easton, Foxboro, Framingham, Franklin, Grafton, Holliston, Hopkinton, Hyde Park, Mansfield, Marlboro, Medfield, Medway, Milford, Millbury, Millis, Natick, Needham, North Attleboro, Norton, Norwood, Randolph, Rehoboth Zone, Seekonk Locality, Sharon, Southgate Locality, Stoughton, Sudbury, Taunton, Upton, Uxbridge, Walpole, Wayland, Wellesley, Westboro, Whitinsville, Wrentham

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.1 Circle Calling Service (Cont'd)**

<b>Exhibit 5C</b> <b>Circle Calling Service-Unlimited Calling Areas</b>	
<b>Exchange</b>	<b>Exchanges, Zones and Localities Included in the Circle Calling Service Calling Area for Customer Dialed Calls</b>
Georgetown	Amesbury, Andover, Beverly, Bellerica, Burlington, Danvers, Essex, Georgetown, Gloucester, Hamilton, Haverhill, Ipswich, Lawrence, Lowell, Lynn, Lynnfield, Manchester, Marblehead, Melrose, Merrimac, Newburyport, North Reading, Peabody, Reading, Rockport, Rowley, Salem, Saugus, Stoneham, Topsfield, Wakefield, West Newbury, Wilmington, Woburn
Gloucester	Beverly, Danvers, Essex, Georgetown, Gloucester, Hamilton, Ipswich, Lynn, Manchester, Marblehead, Newburyport, Peabody, Rockport, Rowley, Salem, Topsfield
Hamilton	Amesbury, Andover, Beverly, Burlington, Charlestown, Chelsea, Danvers, East Boston, Essex, Everett, Georgetown, Gloucester, Hamilton, Haverhill, Ipswich, Lawrence, Lynn, Lynnfield, Malden, Manchester, Marblehead, Medford, Melrose, Merrimac, Newburyport, North Reading, Peabody, Reading, Revere, Rockport, Rowley, Salem, Saugus, Somerville, Stoneham, Topsfield, Wakefield, West Newbury, Wilmington, Winchester, Winthrop, Woburn
Hanover	Braintree, Bridgewater, Brockton, Bryantville, Canton, Carver, Cohasset, Dorchester, Duxbury, East Bridgewater, Easton, Hanover, Hingham, Hull, Hyde Park, Kingston, Marshfield, Middleboro, Milton, Norwell, Plymouth, Quincy, Randolph, Rockland, Scituate, Sharon, South Boston, Stoughton, Weymouth, Whitman, Winthrop
Holliston	Acton, Attleboro, Bellington, Belmont, Berlin, Blackstone Locality, Bolton, Boylston, Brighton, Brookline, Canton, Clinton, concord, Dedham, Dover, East Douglas, Easton, Foxboro, Framingham, Franklin, Grafton, Holliston, Hopkinton, Hudson, Hyde Park, Jamaica Plain, Lincoln, Mansfield, Marlboro, Maynard, Medfield, Medway, Millbury, Milford, Millis, Milton, Natick, Needham, Newton, North Attleboro, Northboro, Norwood, Roxbury, Sharon, Shrewsbury, Stoughton, Sudbury, Upton, Uxbridge, Walpole, Waltham, Watertown, Wayland, Wellesley, Westboro, Whitinsville, Worcester, Wrentham
Holyoke	Amherst, Belchertown, Blandford, Chester, Chesterfield, Chicopee, Easthampton, East Longmeadow, Granby (exchange of the Granby Telephone and Telegraph Company), Granville, Hampden, Hatfield, Holyoke, Huntington, Longmeadow, Ludlow, Monson, Northampton, Palmer, Russell, South Deerfield, Southwick, Springfield, Ware, Westfield, Wilbraham, Williamsburg
Hopkinton	Acton, Auburn, Bellingham, Berlin, Blackstone Locality, Bolton, Boylston, Canton, Clinton, Concord, Dedham, Dover, East Douglas, Foxboro, Framingham, Franklin, Grafton, Harvard, Holden, Holliston, Hopkinton, Hudson, Leicester, Lincoln, Marlboro, Maynard, Medfield, Medway, Milford, Millbury, Millis, Natick, Needham, Newton, North Attleboro, Northboro, Norwood, Oxford, Sharon, Shrewsbury, Sterling, Sudbury, Upton, Uxbridge, Walpole, Waltham, Watertown, Wayland, Wellesley, Westboro, West Boylston, Whitinsville, Worcester, Wrentham
Hyannis	Barnstable, Brewster, Buzzards Bay, Cataumet, Chatham, Dennis, Falmouth, Harwich, Hyannis, Orleans, Osterville, Sagamore

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.1 Circle Calling Service (Cont'd)**

<b>Exhibit 5C</b> <b>Circle Calling Service-Unlimited Calling Areas</b>	
<b>Exchange</b>	<b>Exchanges, Zones and Localities Included in the Circle Calling Service Calling Area for Customer Dialed Calls</b>
Ipswich	Amesbury, Andover, Beverly, Danvers, Essex, Georgetown, Gloucester, Hamilton, Haverhill, Ipswich, Lawrence, Lynn, Lynnfield, Manchester, Marblehead, Melrose, Merrimac, Newburyport, North Reading, Peabody, Reading, Rockport, Rowley, Salem, Saugus, Stoneham, Topsfield, Wakefield, West Newbury, Wilmington
Lee	Becket, Blanford, Chester, Dalton, Great Barrington, Hinsdale, Housatonic, Huntington, Lee, Lenox, Otis, Pittsfield, Sandisfield, Sheffield, Stockbridge, West Stockbridge, Worthington
Lenox	Becket, Chester, Dalton, Great Barrington, Hinsdale, Housatonic, Lee, Lenox, Otis, Pittsfield, Sheffield, Stockbridge, West Stockbridge, Worthington
Littleton	Acton, Andover, Arlington, Ayer, Belmont, Berlin, Billerica, Bolton, Burlington, Clinton, Concord, Fitchburg, Framingham, Groton, Harvard, Hudson, Lawrence, Leominster, Lexington, Lincoln, Littleton, Lowell, Lunenburg, Marlboro, Maynard, Natick, Newton, Northboro, Pepperell, Reading, Shirley, Sterling, Stoneham, Sudbury, Townsend, Tyngsboro, Waltham, Watertown, Wayland, Wellesley, Westford, Wilmington, Winchester, Woburn
Lowell (customers served from central office buildings at Robinson Avenue, Tewksbury; North Road, Chelmsford; and 30 Groton Road, North Chelmsford)	Acton, Andover, Arlington, Ayer, Belmont, Billerica, Burlington, Concord, Danvers, Georgetown, Groton, Harvard, Haverhill, Lawrence, Lexington, Lincoln, Littleton, Lowell, Lynnfield, Malden, Maynard, Medford, Melrose, North Reading, Pelham, NH, Pepperell, Reading, Saugus, Shirley, Stoneham, Sudbury, Topsfield, Tyngsboro, Wakefield, Waltham, Westford, West Newbury, Wilmington, Winchester, Woburn
Malden	Acton, Andover, Arlington, Belmont, Beverly, Billerica, Braintree, Brighton, Brookline, Burlington, Cambridge, Canton, Central, Charlestown, Chelsea, Cohasset, Concord, Danvers, Dedham, Dorchester, Dover, East Boston, Everett, Hamilton, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lowell, Lynn, Lynnfield, Malden, Manchester, Marblehead, Maynard, Medford, Melrose, Milton, Natick, Needham, Newton, North Reading, Norwood, Peabody, Quincy, Randolph, Reading, Revere, Roxbury, Salem, Saugus, Somerville, South Boston, Stoneham, Sudbury, Topsfield, Wakefield, Waltham, Watertown, Wayland, Wellesley, Weymouth, Wilmington, Winchester, Winthrop, Woburn
Mansfield	Assonet, Attleboro, Bellingham, Blackstone Locality, Braintree, Bridgewater, Brockton, Bryantville, Canton, Dedham, Dighton, Dover, East Bridgewater, Easton, Foxboro, Franklin, Holliston, Hyde Park, Mansfield, Medfield, Medway, Middleboro, Milford, Millis, Milton, Natick, Needham, North Attleboro, North Swansea Locality, Norton, Norwood, Quincy, Randolph, Rehoboth Zone, Rockland, Seekonk Locality, Sharon, Southgate Locality, Stoughton, Tauton, Walpole, Wellesley, Weymouth, Whitman, Wrentham
Marshfield	Braintree, Bridgewater, Brockton, Bryantville, Carver, Cohasset, Duxbury, East Bridgewater, Easton, Hanover, Hingham, Hull, Kingston, Marshfield, Middleboro, Norwell, Plymouth, Quincy, Randolph, Rockland, Scituate, Stoughton, Weymouth, Whitman

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.1 Circle Calling Service (Cont'd)**

<b>Exhibit 5C</b> <b>Circle Calling Service-Unlimited Calling Areas</b>	
<b>Exchange</b>	<b>Exchanges, Zones and Localities Included in the Circle Calling Service Calling Area for Customer Dialed Calls</b>
Melrose	Acton, Andover, Arlington, Belmont, Beverly, Billerica, Braintree, Brighton, Brookline, Burlington, Cambridge, Central, Charlestown, Chelsea, Concord, Danvers, Dedham, Dorchester, Dover, East Boston, Essex, Everett, Georgetown, Hamilton, Hingham, Hull, Hyde Park, Ipswich, Jamaica Plain, Lawrence, Lexington, Lincoln, Lowell, Lynn, Lynnfield, Malden, Manchester, Marblehead, Maynard, Medford, Melrose, Milton, Natick, Needham, Newton, North Reading, Peabody, Quincy, Reading, Revere, Roxbury, Salem, Saugus, Somerville, South Boston, Stoneham, Sudbury, Topsfield, Wakefield, Waltham, Watertown, Wayland, Wellesley, Weymouth, Wilmington, Winchester, Winthrop, Woburn
Middleboro	Assonet, Attleboro, Bridgewater, Brockton, Bryantville, Buzzards Bay, Carver, Dighton, Duxbury, East Bridgewater, Easton, Fall River, Hanover, Kingston, Mansfield, Marion, Marshfield, Mattapoisett, Middleboro, New Bedford, Norton, Norwell, Plymouth, Rehoboth Zone, Rochester, Rockland, Stoughton, Taunton, Wareham, Whitman
Millis	Attleboro, Bellingham, Belmont, Blackstone Locality, Braintree, Brighton, Brockton, Brookline, Cambridge, Canton, Dedham, Dorchester, Dover, East Douglas, Easton, Foxboro, Framingham, Franklin, Grafton, Holliston, Hopkinton, Hudson, Hyde Park, Jamaica Plain, Lincoln, Mansfield, Marlboro, Maynard, Medford, Medway, Milford, Millis, Milton, Natick, Needham, North Attleboro, Northboro, Norton, Norwood, Quincy, Randolph, Roxbury, Shon, Somerville, South Boston, Southgate Locality, Stoughton, Sudbury, Upton, Uxbridge, Walpole, Waltham, Watertown, Wayland, Wellesley, Westboro, Whitinsville, Wrentham
Northampton	Amherst, Ashfield, Belchertown, Blandford, Chester, Chesterfield, Chicopee, Conway, Cummington, Easthampton, East Longmeadow, Greenfield, Hatfield, Holyoke, Huntington, Longmeadow, Ludlow, Millers Falls, Montague, Northampton, Palmer, Russell, South Deerfield, Southwick, Springfield, Westfield, Wilbraham, Williamsburg, Worthington
North Brookfield	Auburn, Barre, Boylston, Charlton, Gilbertville, Holden, Hubbardston, Leicester, Millbury, North Brookfield, Oakham, Oxford, Petersham, Princeton, Rutland, Shrewsbury, Southbridge, Spencer, Sturbridge, Warren, Webster, West Boylston, Worcester
Palmer	Amherst, Belchertown, Brimfield, Chicopee, Easthampton, East Longmeadow, Gilbert, Hampden, Holyoke, Longmeadow, Ludlow, Monson, Northampton, Palmer, Springfield, Ware, Warren, Wilbraham
Princeton	Ashburnham, Ashy, Auburn, Ayer, Barre, Berlin, Bolton, Boylston, Clinton, Fitchburg, Gardner, Grafton, Groton, Harvard, Holden, Hubbardston, Hudson, Leicester, Leominster, Lunenburg, Marlboro, Millbury, Northboro, North Brookfield, Oakham, Petersham, Princeton, Rutland, Shirley, Shrewsbury, Spencer, Sterling, Templeton, Townsend, Westboro, West Boylston, Westminster, Winchendon, Worcester
Scituate	Braintree, Bridgewater, Brockton, Bryantville, Central, Charlestown, Cohasset, Dorchester, Duxbury, East Boston, East Bridgewater, Easton, Hanover, Hingham, Hull, Hyde Park, Jamaica Plain, Kingston, Marshfield, Milton, Norwell, Plymouth, Quincy, Randolph, Revere, Rockland, Roxbury, Scituate, South Boston, Stoughton, Weymouth, Whitman, Winthrop

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.1 Circle Calling Service (Cont'd)**

<b>Exhibit 5C</b>	
<b>Circle Calling Service-Unlimited Calling Areas</b>	
<b>Exchange</b>	<b>Exchanges, Zones and Localities Included in the Circle Calling Service Calling Area for Customer Dialed Calls</b>
Sheffield	Great Barrington, Housatonic, Lee, Lenox, Otis, Sandisfield, Sheffield, Stockbridge, West Stockbridge
Stockbridge	Becket, Chester, Dalton, Great Barrington, Hinsdale, Housatonic, Lee, Lenox, Otis, Pittsfield, Sandisfield, Sheffield, Stockbridge, West Stockbridge
Topsfield	Amesbury, Andover, Arlington, Beverly, Billerica, Burlington, Charlestown, Chelsea, Danvers, East Boston, Essex, Everett, Georgetown, Gloucester, Hamilton, Haverhill, Ipswich, Lawrence, Lexington, Lowell, Lynn, Lynnfield, Malden, Manchester, Marblehead, Medford, Melrose, Merrimac, Newburyport, North Reading, Peabody, Reading, Revere, Rockport, Rowley, Salem, Saugus, Somerville, Stoneham, Topsfield, Wakefield, West Newbury, Wilmington, Winchester, Winthrop, Woburn
Wareham	Assonet, Buzzards Bay, Carver, Cataumet, Duxbury, Falmouth, Kingston, Marion, Mattapoisett, Middleboro, New Bedford, Osterville, Plymouth, Rochester, Sagamore, Wareham
Wrentham	Attleboro, Bellingham, Blackstone Locality, Bridgewater, Brockton, Canton, Dedham, Dover, East Bridgewater, East Douglas, Easton, Foxboro, Framingham, Franklin, Holliston, Hopkinton, Hyde Park, Mansfield, Medfield, Medway, Milford, Millis, Milton, Natick, Needham, North Attleboro, Norton, Norwood, Randolph, Rehoboth Zone, Seekonk Locality, Sharon, Southgate Locality, Stoughton, Taunton, Upton, Uxbridge, Walpole, Wellesley, Whitinsville, Wrentham

**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.2 Expanded Community Calling Service**

- A. Expanded Community Calling is furnished as a supplement to one-party residence or business main telephone exchange service or to trunk lines in the exchange as listed in Exhibit 5D.
- B. Expanded Community Calling provides for an initial two hours per month of cumulative message time, to the exchanges in Exhibit 5D on customer dialed station-to-station calls. This applies to the following types for calls (all other calls are charged for the appropriate rates).
  - 1. Customer dialed station-to-station sent-paid calls.
  - 2. Company operator dialed station-to-station send paid calls when facilities are not available for customer dial completion.
  - 3. Operator dialed station-to-station sent-paid calls for handicapped persons unable to dial calls because of their handicap.
- C. Message time in excess of the two-hour allowance is charged for at the additional rate.
- D. The Expanded Community Calling monthly rate for the initial two hours of calling is applicable whether or not any calls are made.
- E. In the 617/508 and 413 LATAs, accumulation of message time is done on a per minute basis with fractions of a minute rounded up to the next minute.
- F. Expanded Community Calling is not available on a foreign exchange service basis or for person-to-person collect, calling card, third telephone number, conference or other calls which normally require an operator.
- G. When Expanded Community Calling is the only service being added the Service charges do not apply.
- H. The rates and charges for the associated services are in addition to the rates for Expanded Community Calling Service.
- I. If a customer has two or more main telephone exchange service lines or trunk lines equipped for Expanded Community Calling terminating at the same premises connected to the same central office in the same billing period and billed to the same number, the total usage is applied to the total hours allowed for the lines or trunks involved.

<b>Exhibit 5D</b>	
<b>Expanded Community Calling Areas</b>	
<b>Exchange</b>	<b>Exchanges and Localities Included in the Expanded Calling Area for Customer Dialed Calls</b>
Chesterfield	Northampton
Hudson	Acton, Harvard
Lincoln	Sudbury
Sudbury	Lincoln
Wareham (Rochester residents only)	Mattapoisett, New Bedford

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.3 Suburban Service**

- A. Suburban service is available to residence customers in all Metropolitan Boston exchanges, except the Central Exchange, on a one-party service basis. This service provides for unlimited calling within the exchange and to all Metropolitan Boston exchanges except the Central Exchange. Calls to the Central Exchange and between certain Metropolitan Boston exchanges, and the Burlington, Lynn and Saugus exchanges are charged for on a measured basis as for measured service.
- B. In addition to the Suburban service monthly rate, the residence dial tone line rate and the residence one-party unlimited usage rate also apply.
- C. The Element 1 Service Order (Other Change) charge will not apply to customers ordering this service.

**6.2.4 Metropolitan Service**

- A. Metropolitan service is furnished to residence customers on a one-party basis and provides unlimited calling within the exchange, to all Metropolitan Boston exchanges, and to certain exchanges outside Metropolitan Boston. Exhibit 5E illustrates the unlimited calling area outside Metropolitan Boston for the exchanges in which this service is provided.
- B. In addition to the Metropolitan service monthly rate, the residence dial tone line rate and the residence one-party unlimited usage rate also apply.
- C. The Element 1 Service Order (Other Change) charge will not apply to customers ordering this service.

**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.4 Metropolitan Service (Cont'd)**

<b>Exhibit <u>5E</u></b>	
<b>Metropolitan Service</b>	
<b>Exchange</b>	<b>Unlimited Calling Area Outside Metropolitan Boston</b>
Central	Burlington, Lynn, Saugus
Arlington	Burlington, Lynn Saugus
Belmont	Burlington, Lynn
Beverly	Danvers, Hamilton, Lynn, Manchester, Peabody, Salem, Saugus
Billerica	Burlington, Concord, Lexington, Lowell, Wilmington
Braintree	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Brighton	Burlington, Lynn
Brockton	Bridgewater, East Bridgewater, Easton, Rockland, Stoughton, Taunton, Whitman
Brookline	Burlington, Lynn
Burlington	Billerica, Wilmington
Cambridge	Burlington, Lynn, Saugus
Canton	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Charlestown	Burlington, Lynn, Saugus
Chelsea	Burlington, Lynn, Saugus
Cohasset	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Sudbury, Walpole, Wayland, Wilmington
Concord	Acton, Billerica, Lowell, Maynard, Sudbury, Wayland, Westford
Danvers	Beverly, Hamilton, Lawrence, Lynn, Lynnfield, North Reading, Peabody, Salem, Saugus, Topsfield
Dedham	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Dorchester	Burlington, Lynn
Dover	Medfield, Natick, Norwood, Walpole
East Boston	Burlington, Lynn, Saugus
Everett	Burlington, Lynn, Saugus
Framingham	Holliston, Hopkinton, Marlboro, Natick, Sudbury, Wayland
Hingham	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Hull	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Hyde Park	
Jamaica Plain	Burlington, Lynn, Needham
Lexington	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.4 Metropolitan Service (Cont'd)**

<b>Exhibit <u>5E</u> Metropolitan Service</b>	
<b>Exchange</b>	<b>Unlimited Calling Area Outside Metropolitan Boston</b>
Lincoln	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Lynn	Lynnfield, Marblehead, Peabody, Revere, Salem, Saugus, Wakefield
Lynnfield	Danvers, Lynn, North Reading, Peabody, Reading, Saugus
Malden	Burlington, Lynn, Saugus
Marblehead	Lynn, Salem, Saugus
Medfield	Dover, Franklin, Millis, Natick, Walpole
Medford	Burlington, Lynn, Saugus
Melrose	Burlington, Lynn, Saugus
Milton	Lynn
Natick	Dover, Framingham, Holliston, Medfield, Millis, Waltham, Wayland
Needham	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Newton	Burlington, Lynn
North Reading	Andover, Danvers, Lawrence, Lynnfield, Wilmington
Norwell	Hanover, Marshfield, Rockland, Scituate
Norwood	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Peabody	Beverly, Danvers, Lynn, Lynnfield, Salem Saugus
Quincy	Lynn
Randolph	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Reading	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Revere	Burlington, Lynn, Saugus
Rockland	Brockton, Hanover, Hingham, Norwell, Randolph, Whitman
Roxbury	Burlington, Lynn
Salem	Beverly, Danvers, Lynn, Marblehead, Peabody, Saugus
Saugus	Lynn, Lynnfield
Scituate	Hingham, Marshfield, Norwell
Sharon	Easton, Foxboro, Mansfield, Norwood, Stoughton, Walpole
Somerville	Burlington, Lynn, Saugus
South Boston	Burlington, Lynn

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.4 Metropolitan Service (Cont'd)**

<b>Exhibit 5E Metropolitan Service</b>	
<b>Exchange</b>	<b>Unlimited Calling Area Outside Metropolitan Boston</b>
Stoneham	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Stoughton	Brockton, Easton, Sharon
Sudbury	Concord, Framingham, Hudson, Marlboro, Maynard, Wayland
Wakefield	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Walpole	Dover, Foxboro, Franklin, Medfield, Sharon, Wrentham
Waltham	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Watertown	Burlington, Scituate
Wayland	Concord, Framingham, Lincoln, Natick, Sudbury
Wellesley	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Weymouth	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington
Wilmington	Andover, Billerica, Burlington, Lowell, North reading
Winchester	Burlington, Lynn, Saugus
Winthrop	Burlington, Lynn, Saugus
Woburn	Beverly, Billerica, Brockton, Burlington, Concord, Danvers, Dover, Framingham, Lynn, Lynnfield, Marblehead, Medfield, Natick, North Reading, Norwell, Peabody, Rockland, Salem, Saugus, Scituate, Sharon, Stoughton, Sudbury, Walpole, Wayland, Wilmington

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services****5.2.5 Bay State East Service**

- A. Bay State East is furnished on a one-party residence service basis as specified herein.
- B. In addition to an unlimited calling area, this service also provides for one hour per month of cumulative message time on customer dialed calls to any intraLATA MTS point within the 617/508 LATA served by the Company. Exchanges and localities in the 617/508 LATA are listed in Section 3. Message time in excess of the one hour allowance is charged for at the additional rate.
- C. Unlimited calling areas and MTS points available on a Bay State East basis vary according to the geographic locations of the customer.
- D. In exchanges where Metropolitan service is available, Bay State East provides for unlimited calling within the unlimited calling area shown for Metropolitan service. Calls to all other exchanges and localities in the 617/508 LATA, when placed in accordance with this tariff, qualify as message usage time. The following Bay State East exchanges are where Metropolitan service is provided.
1. Arlington, Belmont, Beverly, Billerica, Braintree, Brighton, Brockton, Brookline, Burlington, Cambridge, Canton, Central, Charlestown, Chelsea, Cohasset, Concord, Danvers, Dedham, Dorchester, Dover, East Boston, Everett, Framingham, Hingham, Hull, Hyde Park, Jamaica Plain, Lexington, Lincoln, Lynn, Lynnfield, Malden, Marblehead, Medfield, Medford, Melrose, Milton, Natick, Needham, Newton, North Reading, Norwell, Norwood, Peabody, Quincy, Randolph, Reading, Revere, Rockland, Roxbury, Salem, Saugus, Scituate, Sharon, Somerville, South Boston, Stoneham, Stoughton, Sudbury, Wakefield, Walpole, Waltham, Watertown, Wayland, Wellesley, Weymouth, Wilmington, Winchester, Winthrop, Woburn
- E. In all other exchanges which are listed, Bay State East provides for unlimited calling within the primary calling area for the exchange. Calls to all other exchanges and localities in the 617/508 LATA, when placed in accordance with this tariff, qualify as message time usage.
1. Acton, Amesbury, Andover, Ashburnham, Ashby, Assonet, Athol, Attleboro, Auburn, Ayer, Barnstable, Barre, Bellingham, Berlin, Blackstone Locality, Bolton, Boylston, Brewster, Bridgewater, Bryantville, Buzzards Bay, Carver, Cataumet, Charlton, Chatham, Chilmark, Clinton, Dennis, Dighton, Duxbury, East Bridgewater, East Douglas, Easton, Edgartown, Essex, Fall River, Falmouth, Fitchburg, Foxboro, Franklin, Gardner, Georgetown, Gloucester, Grafton, Groton, Hamilton, Hanover, Harvard, Harwich, Haverhill, Holden, Holliston, Hopkinton, Hubbardston, Hudson, Hyannis, Ipswich, Kingston, Lawrence, Leicester, Leominster, Littleton, Lowell, Lunenburg, Manchester, Mansfield, Marion, Marlboro, Marshfield, Mattapoisett, Maynard, Medway, Merrimac, Middleboro, Milford, Millbury, Millis, Nantucket, New Bedford, Newburyport, North Attleboro, North Brookfield, North Swansea Locality, Northboro, Norton, Oakham, Orange, Orleans, Osterville, Oxford, Pepperell, Petersham, Plymouth, Princeton, Provincetown, Rehoboth Zone, Rochester, Rockport, Rowley, Rudland, Sagamore, Seekonk Locality, Shirley, Shrewsbury, Siasconset, Southbridge, Southgate Locality, Spencer, Sterling, Sturbridge, Taunton, Templeton, Topsfield, Townsend, Tyngsboro, Upton, Uxbridge, Vineyard Haven, Wareham, Webster, Wellfleet, West Boylston, West Newbury, Westboro, Westford, Westminster, Westport, Whitinsville, Whitman, Winchendon, Worcester, Wrentham.

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.5 Bay State East Service (Cont'd)**

- F. The provisions of Section 5.2.5B apply only to the following types of calls.
1. Customer dialed station-to-station sent-paid calls
  2. Customer dialed station-to-station sent-paid calls when facilities are not available for customer dial completion.
  3. Operator dialed station-to-station sent-paid calls for handicapped persons unable to dial calls because of their handicap.
- G. Bay State East customers will receive a 25% discount, applied to both usage and the incremental charge, on all customer dialed calling card calls.
- H. Calls other than those listed in Section 5.2.5F and all intraLATA calls made outside the specified time periods will be charged MTS rates.
- I. Accumulation of message time is done on a per minute basis with fractions of a minute rounded up to the next minute.
- J. Bay State East is not available in conjunction with measured Circle Calling or Selective Calling.
- K. Where Metropolitan service is available, in addition to the initial one hour rate and the rate for each additional minute or fraction, the residence dial tone line rate, the residence one-party unlimited usage rate, and the one-party Metropolitan service rate also apply.
1. For all other exchanges, in addition to the initial one hour rate and the rate for each additional minute or fraction, the residence dial tone line rate and the residence one-party unlimited usage rate also apply.
- L. The Element 1 Service Order (Other Change) charge does not apply when existing customers subscribe to this service.

**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.6 Call Around 413 Plus Service**

- A. Call Around 413 Plus is furnished on a one-party line residence service basis to all exchanges in the 413 LATA. This service provides for unlimited calling for customer-dialed calls to exchanges and localities of this Company within the 413 LATA as shown in Exhibit 5F.
- B. The provisions of 5.2.6A apply to the following types of calls.
1. Customer dialed station-to-station sent-paid calls.
  2. Those operator dialed station-to-station sent-paid calls when facilities are not available for customer dial completion.
  3. Operator dialed station-to-station sent paid calls for handicapped persons unable to dial calls because of their handicap.
- C. Call Around 413 Plus customers will receive a 25% discount, applied to both usage and the incremental charge, on all customer dialed calling card calls.
- D. Calls other than those listed in Section 5.2.6B will be charged Schedule Four MTS service rates.
- E. In addition to the Call Around 413 Plus monthly rate, the residence dial tone line rate and the residence one-party unlimited usage rate also apply.
- F. The Element 1 Service Order (Other Change) charge does not apply when existing customers subscribe to this service.

<b>Exhibit 5F</b>	
<b>Exchanges and Localities Where Call Around 413 Plus Service is Available</b>	
<b>LATA</b>	<b>Exchanges and Localities</b>
413	Adams, Amherst, Ashfield
	Becket, Belchertown, Bernarston, Blanford, Brimfield
	Charlemont, Chester, Chesterfield, Chicopee, Colrain, Conway, Cummington
	Dalton
	East Longmeadow, Easthampton
	Gilbertville, Granville, Great Barrington, Greenfield
	Hampden, Hatfield, Hinsdale, Holyoke, Housatonic, Huntington
	Lee, Lenox, Longmeadow, Ludlow
	Millers Falls, Monroe Bridge Locality, Monson, Montague
	North Adams, Northampton, Northfield
	Otis
	Palmer, Pittsfield
	Russell
	Sandisfield, Sheffield, Shelburne Falls, South Deerfield, Southwick, Springfield, Stockbridge
	Turners Falls
	Ware, Warren, West Stockbridge, Westfield, Wilbraham, Williamsburg, Williamstown, Worthington

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**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.7 Eastern LATA Unlimited Calling Plan**

- A. The Eastern LATA Unlimited Calling plan is furnished on a one-party line residence service basis to all exchanges in the 508/617 LATA. This plan provides for unlimited calling for customer dialed calls to exchanges and localities of this Company within the 508/617 LATA as shown in Exhibit 5G.
- B. The provisions of Section 5.2.7A apply to the following types of calls.
  - 1. Customer dialed station-to-station sent-paid calls.
  - 2. Those operator dialed station-to-station sent-paid calls when facilities are not available for customer dial completion.
  - 3. Operator dialed station-to-station sent-paid calls for handicapped persons unable to dial calls because of their handicap.
- C. Eastern LATA Unlimited Calling plan customers will receive a 25% discount, applied to both usage and the incremental charge, on all customer-dialed calling card calls.
- D. Calls other than those listed in Section 5.2.7B will be charged MTS rates.
- E. In addition to the Eastern LATA Unlimited Calling plan monthly rate, the residence dial tone line rate also applies.
- F. The Element 1 Service Order (Other Change) charge does not apply when existing customers subscribe to this service.

**SECTION 5 – LOCAL CALLING AREAS AND OTHER EXCHANGE SERVICE (Cont'd)****5.2 Other Exchange Services (Cont'd)****5.2.7 Eastern LATA Unlimited Calling Plan (Cont'd)**

<b>Exhibit 5G</b>	
<b>Exchanges and Localities Where Eastern LATA Unlimited Calling Plan is Available</b>	
<b>LATA</b>	<b>Exchanges and Localities</b>
508/617	Acton, Amesbury, Andover, Arlington, Ashburnham, Ashby, Assonet, Athol, Attleboro, Auburn, Ayer
	Barnstable, Barre, Bellingham, Belmont, Berlin, Beverly, Billerica, Blackstone Locality, Bolton, Boylston, Braintree, Brewster, Bridgewater, Brighton, Brockton, Brookline, Bryantville, Burlington, Buzzards Bay
	Cambridge, Canton, Carver, Cataumet, Central, Charlestown, Charlton, Chatham, Chelsea, Chilmark, Clinton, Cohasset, Concord
	Danvers, Dedham, Dennis, Dighton, Dorchester, Dover, Duxbury
	East Boston, East Bridgewater, East Douglas, Easton, Edgartown, Essex, Everett
	Fall River, Falmouth, Fitchburg, Foxboro, Framingham, Franklin
	Gardner, Georgetown, Gloucester, Grafton, Groton
	Hamilton, Hanover, Harvard, Harverhill, Hingham, Holden, Holliston, Hopkinton, Hubbardston, Hudson, Hull, Hyannis, Hyde Park
	Ipswich
	Jamaica Plain
	Kingston
	Lawrence, Leicester, Leominster, Lexington, Lincoln, Littleton, Lowell, Lunenburg, Lynn, Lynnfield
	Malden, Manchester, Mansfield, Marblehead, Marion, Marlboro, Marshfield, Mattapoisett, Maynard, Medfield, Medford, Medway, Melrose, Merrimac, Middleboro, Milford, Millbury, Millis, Milton
	Nantucket, Natick, Needham, New Bedford, Newburyport, Newton, North Attleboro, Northboro, North Brookfield, North Reading, North Swansea Locality, Norton, Norwell, Norwood
	Oakham, Orange, Orleans, Osterville, Oxford
	Peabody, Pepperell, Petersham, Plymouth, Princeton, Provincetown
	Quincy
	Randolph, Reading, Rehoboth Zone, Revere, Rochester, Rockland, Rockport, Rowley, Roxbury, Rutland
	Sagamore, Salem, Saugus, Scituate, Seekonk Locality, Sharon, Shirley, Shrewsbury, Siasconset, Somerville, South Boston, Southbridge, Southgate Locality, Spencer, Sterling, Stoneham, Stoughton, Sturbridge, Sudbury
	Taunton, Templeton, Topsfield, Townsend, Tyngsboro
	Upton, Uxbridge
	Vineyard Haven
	Wakesfield, Walpole, Waltham, Wareham, Watertown, Wayland, Webster, Wellesley, Wellfleet, Westboro, West Boylston, Westford, Westminster, West Newbury, Westport, Weymouth, Whitinsville, Whitman, Wilmington, Winchendon, Winchester, Winthrop, Woburn, Worcester, Wrentham

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES****6.1 Custom Calling Service****6.1.1 Description**

Following are features which comprise Custom Calling.

- A. Call Waiting signals a customer talking on the line that another call has been placed to the line. The customer may answer the second call and alternate between the calls by manipulating the switchhook.
- B. Talking Call Waiting signals a customer talking on the line that another call has been placed to the line via a special tone and then announces the name associated in the Company's records with the line from which the call originates. If the incoming call is marked Private or no Directory Number was received via the database query, the call will be announced as "Private Number" or "Unavailable Number." The person who the customer is speaking with will not hear the signal or the name of the second caller. The customer may answer the second call and alternate between the calls by manipulating the switchhook. No customer provided equipment is required. Subscription to Call Waiting is required with this feature.
- C. Call Forwarding permits a customer to forward all incoming calls to another preselected telephone number. The customer activates the service by dialing a code and the telephone number of the line to which the calls are to be forwarded. No assurance can be given that transmission will be fully satisfactory during Call Forwarding calls.
- D. Call Forwarding Busy Line Don't Answer, Call Forward Busy Line, Call Forwarding Don't Answer provides for the automatic routing of incoming calls to a preselected telephone number when the called telephone number is busy and/or does not answer within a determined number of rings. When Call Forwarding Busy Line Don't Answer, Call Forwarding Busy Line, Call Forwarding Don't Answer Custom Calling service is provisioned in a 1A ESS central office, the preselected forwarded to telephone number must be within the same central office control group. No assurance can be given that transmission will be fully satisfactory during Call Forwarding Busy Line Don't Answer, Call Forwarding Busy Line, Call Forwarding Don't Answer service calls.
  - 1. Options
    - a. Call Forwarding Busy Line
    - b. Call Forwarding Busy Line/Don't Answer
    - c. Call Forwarding Don't Answer
- E. Three-Way Calling enables a customer to establish talking connection involving the customer and two other parties. The customer, by switchhook operation, is able to place an existing call on hold and dial the telephone number of a third-party. No assurance can be given that transmission will be fully satisfactory during Three-Way Calling calls.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.1 Custom Calling Service (Cont'd)****6.1.1 Description (Cont'd)**

- F. Usage Three-Way Calling allows customers to use Three-Way Calling on a per activation basis. A monthly cap per line applies to per activation charges for this feature, and will be billed on a full bill period basis.
- G. Speed Dialing 8 Codes allows a customer to call a predesignated seven or ten-digit telephone number by dialing a one-digit code. A maximum of eight predesignated telephone numbers can be stored.
- H. Speed Dialing 30 Codes allows a customer to call a predesignated seven or ten-digit telephone number by dialing a two-digit code. A maximum of 30 predesignated telephone numbers can be stored.

**6.1.2 Regulations**

- A. Custom Calling services are available to one-party residence or business customers served by suitably equipped central offices to the extent that existing facilities are available.
- B. One or more Custom Calling service (except Call Forwarding Busy Line Don't Answer, Call Forwarding Busy Line, Call Forwarding Don't Answer) may be ordered for a 14-day demonstration period. The period begins the day following the date on which the service is established.
  - 1. In the event that the 14th day of the demonstration period is a Saturday, Sunday or holiday, the demonstration period is extended through the next regular business day.
  - 2. If during the demonstration period, the customer requests that all Custom Calling services be discontinued, neither the monthly rates nor the Element 1 service charge apply. If the customer retains one or more of the services beyond the 14-day demonstration period, the monthly rate for each service retained applies from the date the service was initially established.
  - 3. One 14-day demonstration period is offered per service per customer.

**6.1.3 Application of Rates and Charges**

- A. The Element 1 service charge applies if a Custom Calling is the only service being provided.
- B. The Element 1 service charge does not apply for the following applications.
  - 1. When a Custom Calling feature is provided at the same time as another service for which an Element 1 service charge applies.
  - 2. When Talking Call Waiting is the only feature being ordered.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.1.3 Application of Rates and Charges (Cont'd)**

3. When a Custom Calling feature (except Call Forwarding Busy Line Don't Answer, Call Forwarding Busy Line, Call Forwarding Don't Answer) is ordered by a small business customer (1-12 lines) within 90 days of the installation date of the associated network access line.
- C. When a call is forwarded, an additional charge may apply. The charge is determined in accordance with the class of service furnished the customer.
- D. Custom Calling Service Package – When three or more services are provided on the same line, except Talking Call Waiting, a discount will apply to each service excluding the first one for residence or business monthly rates.

**6.2 Touch Tone Calling****6.2.1 Description**

- A. Touch Tone calling allows calls to be originated from instruments equipped for tone-type address signaling over special central office facilities.
- B. Telephone lines equipped for tone-type address signaling can only be associated with, or have access to, lines equipped for this service.

**6.2.2 Application of Rates and Charges**

- A. Centrex Service – The touch tone rates and charges specified in Section 20 apply if a customer has the capability to originate calls by means of a suitably equipped instrument and if the special central office facilities exist. These rates also apply when furnished with customer provided equipment or systems.

**6.3 Remote Call Forwarding Service****6.3.1 Description**

- A. Remote Call Forwarding service provides automatic forwarding of all incoming calls placed to a seven-digit Remote Call Forwarding number to a terminating telephone number in the same or a different exchange. This service is available only in exchanges served by suitably equipped electronic (ESS) central offices, to the extent that existing facilities are available.
  1. The terminating telephone service may be local exchange service, Dedicated Toll Free Service (DTFS), foreign exchange service or an additional number associated with Distinctive Ring service; it may not be PASL or PAL service.
- B. This service is furnished upon condition that the customer subscribed to adequate Remote Call Forwarding and terminating facilities to permit the use of the service without impairment, disruption or deterioration of the quality of other telephone services.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.3.1 Description (Cont'd)**

1. If, in the opinion, of the Company, additional Remote Call Forwarding service or terminating facilities are needed, the customer must subscribe to additional service or facilities. If the customer refuses to subscribe to adequate Remote Call Forwarding or terminating facilities, the Remote Call Forwarding service is subject to termination.
- C. The Company does not provide identification of the originating telephone number to the Remote Call Forwarding customer.
- D. No assurance can be given that transmission will be fully satisfactory during operation of Remote Call Forwarding.

**6.3.2 Application of Rates and Charges****A. Message Charges**

1. Between the calling party and the Remote Call Forwarding number the calling party is charged the appropriate Message Telecommunications Service (MTS) or local usage rates.
2. Between the Remote Call Forwarding number and the terminating telephone number, the Remote Call Forwarding customer is charge the customer dialed station-to-station MTS rate or local usage charges as applicable. These charges apply for person-to-person and collect calls made to a Remote Call Forwarding number even though such calls might not be accepted at the answering location.
  - a. If the terminating service is Toll-Free service, Toll-Free service usage rates apply.
- B. Service charges apply as appropriate. The Element 1 service charge does not apply if Remote Call Forwarding is ordered by a small business customer (1-12 lines) within 90 days of the installation date of the associated network access line.

**6.4 Line Hunting Service****6.4.1 Description**

- A. Line hunting, which is provided subject to the availability of suitable central office facilities is an arrangement that groups together two or more main telephone exchange lines from the same central office so that incoming calls are automatically switched from the initial line, if in use, to the first non-busy line.

**6.4.2 Application of Rates and Charges**

- A. Service charges apply per group arranged at the same time to establish or interrupt a line hunting arrangement; however, they do not apply if line hunting is established at the same time as the associated line.



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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.5 Reference of Calls****6.5.1 Description**

- A. Reference of calls which is provided subject to the availability of suitable central office facilities is an arrangement that intercepts incoming calls to a customer's telephone number and refers the calls to another telephone number.

**6.5.2 Application of Rates and Charges**

- A. Service charges apply per line arranged.

**6.6 Stop Hunt Arrangement****6.6.1 Description**

- A. This arrangement, which is provided subject to the availability of suitable central office facilities, limits incoming calls to a specified number of consecutive central office trunks or lines.
- B. A Private Line Type 1001 channel serves as a control channel between the customer's premises and the serving central office.

**6.7 Make Busy Arrangement****6.7.1 Description**

- A. This arrangement, which is provided subject to the availability of suitable central office facilities, permits a customer to place a busy condition on one or more central office trunks or lines.
- B. The make busy arrangement cannot be provided on a customer's listed service.
- C. A Private Line Type 1001 channel services as a control channel between the customer's premises and the serving central office.

**6.8 Curb A Charge Service****6.8.1 Description**

- A. Curb A Charge is offered with one-party main telephone exchange service (except PBX trunk lines) in suitably equipped central offices to the extent that existing facilities are available.
- B. If a customer's local serving office is not suitably equipped, Curb A Charge service can be furnished on a foreign exchange of foreign central office service basis, subject to the availability of facilities.
- C. Curb A Charge is not available with Public Access Line (PAL) service.
- D. The provision of Curb A Charge is dependent on the customer's subscribing to a compatible Interexchange Carrier (IC).

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.8.1 Description (Cont'd)**

- E. Originating Number Screening is offered with one-party main telephone exchange service except PBX trunk lines and is available to one-party main telephone exchange service (excluding PBX trunk lines) individually or in any combination. Originating number screening is not available with PBX trunk lines.
1. Operator Screening alerts the operator that operator handled calls and operator handled directory assistance calls may not be billed to the originating number. Calls may be placed on a calling card, collect or charge to a third number basis.
  2. Direct Dialed Screening blocks directly dialed toll calls except calls placed to 800 numbers. Directly dialed calls to directory assistance are denied except when originating from PAL service lines. Toll and directory assistance are denied except when originating from PAL service lines. Toll and directory assistance calls may be placed on an operator handled basis. This feature is offered only in exchanges served by electronic central offices where suitable facilities exist and is not available with Municipal Calling service.
- F. Terminating Number Screening is offered with one-party main telephone exchange service including PBX trunk lines and is available to one-party main telephone exchange service excluding PBX trunk lines individually or in any combination. Terminating number screening may be provisioned with Centrex Plus.
1. Option A – Alerts operators throughout the country that collect and third number calls cannot be billed to a particular number.
  2. Option B – Alerts operators throughout the country that third number calls cannot be billed to a particular number.
  3. Option C – Alerts operators throughout the country that collect calls cannot be billed to a particular number.

**6.8.2 Application of Rates and Charges**

- A. The Element 1 service charge applies if Curb A Charge is the only service being provided. It does not apply if a Curb A Charge feature(s) is provided at the same time as another service for which an Element 1 service charge applies.
- B. For terminating number screening, the nonrecurring charges apply when terminating number screening is the only service being provided.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.9 Selective Blocking****6.9.1 Description**

- A. This arrangement allows customers to prevent use of their telephones for calls placed to vendor operated, entertainment related teleconferencing services provided by Group Bridging Service (GBS) in the 550 exchange code, by Circuit 9 service in the 920 and 554 exchange codes and information provider operated announcement services provided by Information Delivery Service (IDS) in the 976 or 940 exchange codes. It also allows customers to block calls to information services with a 900 area code provided on either an interstate or intrastate basis. This arrangement recognizes and blocks any attempt to dial a number with the following central office prefixes or area codes. Any of the following options of Selective Blocking is available to one-party residence service customers and single line business service customers.
1. Option 1 – Comprehensive Blocking of 550, 554, 900, 920, 940 and 976 central office prefixes or area codes. Only Option 1, Comprehensive Blocking is available to multi-line business customers.
  2. Option 2 – Partial Blocking A of 550, 554, 900 and 940 central office prefixes or area codes.
  3. Option 3 – Partial Blocking B of 554 and 940 central office prefixes or area codes (Adult codes for IDS and Circuit 9 services).
- B. Selective Blocking is provided only from Stored Program Control (SPC) central offices and is provided only when sufficient facilities exist. It is not available with services that are otherwise blocked from accessing GBS lines and IDS lines.
- C. Implementation of these arrangements will be by central office as requests are received, so that the service will become available within 30 days of the first customer request in any suitably equipped central office.
- D. Selective Blocking cannot be combined with Curb A Charge.
- E. A written request from the customer is necessary to change or remove Selective Blocking.

**6.9.2 Application of Rates and Charges**

- A. Service Charges
1. Service charges do not apply to the provisioning of Selective Blocking on one-party residence or single line basic exchange business service.
  2. For multi-line business basic exchange services, business foreign exchange service, business SmartDial and business PBX, the appropriate Element 1 charge applies to establish Selective Blocking.
  3. For business PBX, the Element 1 charge applies for subsequent additions of Selective Blocking to other trunk lines in the system.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.9.2 Application of Rates and Charges (Cont'd)**

- B. For selective blocking of Centrex lines, refer to Sections 16-17.

**6.10 SmartDial Calling Service****6.10.1 Definitions**

**Call Forwarding Busy Line** – Provides for the forwarding of incoming calls to a predesignated number within the customer group and where available to any predesignated number, when the line equipped with this feature is busy.

**Call Forwarding Don't Answer** – Provides for the forwarding of incoming calls to another predesignated number within the same customer group and where available to any predesignated number when the line equipped with this feature is not answered within a predetermined number of rings.

**Call Forwarding** – Enables the user to forward all incoming calls to another line within or outside of the customer group.

**Call Waiting** – Alerts the user during a call that another call from outside the customer group is waiting by applying a burst of tone. Call Waiting will not operate when Call Forwarding is in use.

**Speed Dialing** – Permits a customer to dial an abbreviated code for emergency or frequently dialed numbers of fifteen or less digits. A maximum of six codes, changeable by the customer, is furnished per line equipped.

**6.10.2 Description**

SmartDial Calling service is not longer available for new installations or growth. Service installed prior to December 31, 1999, is furnished to existing customers at present locations in the same or lesser quantities.

- A. SmartDial is an optional communications system arrangement that combines into a group up to six lines for multi-line residence customers or up to nine lines for multi-line business customers and offers call management features arranged in packages.
- B. SmartDial is offered only from suitably equipped central offices as determined by the Company. It is available for use only with one-party residence or business main telephone exchange service lines.
1. It is not available with trunk lines, dormitory communications service, Centrex service, semi-public service or public access lines.
- C. Basic Feature Packages
1. Call Hold permits a user to put an in-progress call on hold by depressing the switchhook momentarily and dialing the call hold code. The line is then freed for the purpose of originating another call.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)**

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**6.10.2 Description (Cont'd)**

2. Call Pickup allows the user to answer any incoming call within the customer group from any station within that group. An incoming call on one line may be answered from a station on another line by dialing the call pickup access code. When more than one incoming call is involved, the longest ringing call is automatically selected.
3. Call Transfer enables the user to transfer any established call to another station within or outside of the customer group.
4. Intercom Calling provides the customer with the ability to dial any other line within the customer group with an abbreviated code as an in house call. Local usage or message unit charges do not apply to intercom calls.
5. Three-Way Calling allows the customer to add a third party to any established call. It includes the ability to hold one-party with privacy exclusion, while dialing and talking with another party and the ability to include the held party in a three-way conference. A third-party may not be added to an established call if Call Waiting is being used or if a call within the same central office involves any other line using Three-Way Calling. Transmission may not be satisfactory on all three-way calls.
6. Touch Tone Calling provides for the origination of calls from telephone instruments equipped with 12 push-buttons for tone-type address signaling.

**D. Optional Features Packages**

1. Feature Package 1 – Call Forwarding and Call Waiting
2. Feature Package 2 – Call Forwarding, Call Forwarding Busy Line, and Call Forwarding Don't Answer
3. Feature Package 3 – Call Forwarding, Call Waiting and Speed Dialing
4. Feature Package 4 – Call Forwarding, Call Forwarding Don't Answer, Call Forwarding Busy Line and Speed Dialing

**6.10.3 Regulations**

- A. Main telephone exchange service lines equipped with SmartDial may terminate at different premises locations provided they are all served from the same electronic central office switching vehicle.
- B. A minimum of two lines in a service arrangement must be equipped with SmartDial. A different feature package may be furnished on each line in the service arrangement.
- C. Telephones equipped with 12 push-buttons for tone-type address signaling are required for each exchange line with this service to enable feature operation.
- D. SmartDial is not offered in conjunction with Custom Calling or Curb A Charge. Line hunting service is available only in conjunction with the basic feature package.
- E. Local or toll usage charges, as appropriate, are applicable for calls transferred, forwarded or otherwise dialed outside the customer group.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.10.3 Regulations (Cont'd)**

- F. Local exchange service and foreign exchange or foreign central office service may not be included in the same customer group.
- G. Dial access to service such as foreign exchange and private line service, etc., is not available with SmartDial.

**6.10.4 Application of Rates and Charges**

- A. Monthly rates for SmartDial are in addition to the monthly rates for one-party main telephone exchange service and to the rates and charges for other associated services.
- B. An Element 1 service charge applies if SmartDial is the only service being provided. It does not apply if SmartDial is provided in conjunction with other services for which an Element 1 service charge applies.
- C. SmartDial is furnished under the Conventional Payment Plan for arrangements containing only residence lines and under the Variable Term Payment Plan (VTPP) for arrangements containing business lines.

**6.11 Alert Transport Service (ATS)**

Unless expressly stated otherwise in this tariff, Alert Transport Service (ATS) service is subject to all regulations applicable to the provision of service by the Company as set forth in Section 2.

**6.11.1 Definitions**

**Central Office Scanner** – A device which polls the patron's premises equipment over the patron's individual main telephone exchange line and is located at the patron's service central office.

**Message Switch** - A centrally located hub that routes change of status indications to designated monitoring agencies.

**Port** – A termination on the message switch through which a monitoring agency accesses the message switch.

**6.11.2 Description**

- A. ATS is offered from specially equipped central offices to companies that perform monitoring for residential and business customers (hereinafter referred to as patrons) or for their own security or other systems on a 24 hour basis (hereinafter referred to as monitoring agencies).
  - 1. The monitoring sensor located at the patron's premises is provided by the patron.
  - 2. ATS uses a Company scanner located in the patron's serving central office which receives information from the patron's monitoring sensor over the patron's main telephone exchange line, even when the line is in use.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.11.2 Description (Cont'd)**

3. A change in the status of the patron's monitoring sensor is identified by the customer premises equipment located on the patron's premises and is transported through the scanner to a centrally located message switch. The message switch transports the change in status indication to the patron's monitoring agency over voice graded private line facilities subscribed to by the monitoring agency.

**6.11.3 Application of Rates and Charges**

- A. A monitoring agency subscribing on a month-to-month basis, may, at any time convert to a period of agreement by executing a letter of agreement for the currently effective three or five year period of agreement rate. An Element 1 service order charge applies to each payment plan conversion per billing telephone number per order. The period of agreement rate shall not apply retroactively.
- B. The period of agreement for each monitoring agency will begin on the date established in a signed letter of agreement and terminates three or five years from the date, as applicable.
  1. Additional patron lines subscribed to during the period of agreement will be at the agreed to rate, as provided in the original period of agreement and continue until the end of the original agreement period.
  2. Any patron line subject to the terms of a period of agreement that is disconnected prior to the termination date (as specified above), will be subject to a termination charge calculated as follows under the terms and conditions specified below. Calculation: termination charge equals the period of agreement monthly rate times the number of months remaining in the period of agreement times 60%.
  3. At the request of the monitoring agency, a disconnected period of agreement patron line will not be subject to a termination charge for 60 days. During that time, a bill will continue to be rendered at the appropriate period of agreement rate.
  4. If during the 60 days a new patron line is connected prior to the end of the 60 days, no termination charge will be applied to the original patron lines.
- C. A monitoring agency subscribing to ATS will be allowed six months to connect one hundred patrons to the scanner(s) without incurring a service establishment charge for the port(s) on the message switch.
- D. ATS rates and charges apply in addition to rates and charges for other facilities required to furnish ATS.
- E. Service charges apply as appropriate.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.12 Extended Basic Referral Service****6.12.1 Description**

- A. Extended Basic Referral service provides reference of calls for disconnected Digital Centrex I and FLEX services and Direct Inward Dialing (DID) telephone numbers to individual numbers specified by the customer.

**6.12.2 Application of Rates and Charges**

- A. The Element 1 service charge applies per customer request.

**6.13 Distinctive Ring Service****6.13.1 Description**

- A. Distinctive Ring enables a customer to have up to three separate telephone numbers (one main telephone number and two additional telephone numbers) associated with one exchange access line. Each telephone number has a distinctive ring on incoming calls to allow for identification of the incoming call. A distinctive Call Waiting tone for each additional telephone number is provided to customers also subscribing to Call Waiting.
- B. Distinctive Ring is available to one-party residence or business service customers served by suitably equipped central office subject to the availability of facilities.
- C. Distinctive Ring is not offered with Centrex service, SmartDial, PBX trunk service, PASL services, lines equipped with hunting arrangements, access lines terminating in customer premises switching equipment, and foreign exchange service.
- D. Distinctive Ring is offered as follows.
1. Package I – Consisting of one additional telephone number associated with a single line.
  2. Package II – Consisting of two additional telephone numbers associated with a single line.
- E. All telephone numbers associated with an exchange access line equipped with Distinctive Ring must be served by the same central office.
- F. Distinctive Ring may not be compatible with some types of customer provided telephone equipment.

**6.13.2 Application of Rates and Charges**

- A. Service Charges
1. Appropriate service charges apply to Call Forwarding arrangements subsequent to the establishment of Distinctive Ring.



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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.13.2 Application of Rates and Charges (Cont'd)**

2. The Element 1 service charge applies if Distinctive Ring is the only service being provided. It does not apply if Distinctive Ring is provided at the same time as another service for which an Element 1 service charge applies and if Distinctive Ring is ordered during the period when the serving central office is being equipped with facilities to provide the service. It also does not apply if Distinctive Ring is ordered by a small business customer (1-12 lines) within 90 days of the installation date of the associated network access line.
3. Element 1 service charges apply to change from Package I to Package II subsequent to the establishment of service.

**6.14 Ultra Forward Service****6.14.1 Description**

- A. Ultra Forward, which is subject to the availability of facilities, is a line-related feature which is available to single line residence, single line business, and multi-line business service customers (excluding PBX trunks) on a per telephone number basis, where a customer subscribes to at least one of the following network feature(s) which customers can activate, deactivate or change from any line equipped with touch tone and a dual tone multifrequency telephone or its equivalent.
  1. Call Forwarding Busy Line permits the customer to turn features on or off from and touch tone equipped line using a DTMF telephone or its equivalent.
  2. Call Forwarding Don't Answer permits the customer to turn this feature on or off and to change the ring count from any touch tone equipped line using a DTMF telephone or its equivalent.
  3. Call Forwarding permits the customer to turn the feature on or off. With the feature on the customer redirects all incoming calls so they may be answered at another telephone number. The customer may access this from any touch tone equipped line using a DTMF telephone or its equivalent.
  4. PIN Security – A feature designed for the protection and security of both the customer and the Company. It prevents unauthorized access and control of customer features. The PIN is used to confirm that the caller has permission to make changes. The Company will not be liable for unauthorized use of the PIN number(s).

**6.14.2 Application of Rates and Charges**

- A. An Element 1 service charge applies if Ultra Forward is the only service being provided. It does not apply if Ultra Forward is provided in conjunction with other services for which an Element 1 service charge applies or if Ultra Forward is ordered during the 90 day period when the service becomes available in the customer's serving central office. It also does not apply if Ultra Forward (1-20 lines) is ordered by a small business customer (1-12 lines) within 90 days of the installation date of the associated network access line.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.14.2 Application of Rates and Charges (Cont'd)**

- B. In addition to Ultra Forward monthly rates, monthly rates apply for each network feature.
- C. An Element 1 charge applies if an Ultra Forward customer requests the Company to change or reset an existing PIN.

**6.15 Custom Redirect Service****6.15.1 Description**

- A. Customer Redirect Service (CRS) enables business customers to redirect all or a part of their incoming switched voice and data calls to other telephone numbers. The redirection may be on a permanent basis, automatically according to predetermined parameters and/or upon command by the customer. This service may be used in the event of a communications failure, cable cut, fire, flood, or any other event requiring calls to be handled from alternate telephone numbers or an alternate location.
- B. CRS offers three option per group with the basic service. The first option is usually a basic redirect to the dialed number. The customer may designate that the basic redirection feature be used each of the options or, the customer may select additional CRS optional features as described herein.
- C. Standard Features
  - 1. Equipped Number – is the subscriber's called telephone number that has CRS.
  - 2. Group – is the collection of equipped telephone numbers that will be redirected in the same way, at the same time. If the customer requests redirection then all telephone numbers within that group will be redirected. Every group must have the same optional features in each of the options. For example, if the option column has time-of-day redirection, then the times that the numbers are redirected are the same for all the numbers in that group. The actual telephone numbers that the calls are redirected to do not have to be the same. For all options, the telephone number that the calls are redirected to may be different.
  - 3. Option Column – is a table of telephone numbers that are treated the same. CRS has three option columns with the basic service. Up to six additional option columns may be provisioned as an enhancement. Only one option is active for a group at any given time. For example, in a particular group the first option may be the original dialed number, the second option may be the home telephone number, and the third option might be a telephone number in an affiliate office in another city. If option two were selected (i.e., "active"), all telephone numbers would be redirected to the respective telephone number in option column two.
  - 4. Redirecting telephone number – has no office equipment associated with it and is to be used solely for the purposes of redirecting call traffic from the telephone number dialed to the CRS customer's intended destination.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.15.1 Description (Cont'd)**

5. Modification of Options – When the customer elects to redirect calls, the customer calls into the Company platform using a Touch Tone telephone. Upon reaching the platform, the customer must pass through a series of security blocks to get into the system. Calls may also be redirected by calling a live attendant, who, after verifying security information, will establish the redirection of the calls. After authorization is confirmed, the customer specifies which group and which option the customer wishes to activate. A group may be a floor, department, building, or some other customer-defined list of numbers. These groups are pre-assigned upon the establishment of the service. The customer may call in to have the active option modified as frequently as desired. When calls are terminated to any number other than the originally dialed number redirection charges will apply.

**D. Optional Features**

1. Time-of-Day/Day-of-Week Redirection allows customer to redirect the customer's calls to another location at predesignated times. The system will automatically route these calls until the customer changes the specifications. This will allow the customer to use a single office to perform the work of many locations during the off-peak hours. Time-of-Day/Day-of-Week Redirecting may be used with any of the option columns. If this feature is used in more than one option, the optional feature charge applies to each option utilizing the feature.
2. Percentage Redirection allows customers to direct 20% of the incoming calls to location A, 30% to location B and 50% to location C. The customer may choose the quantity of locations and the actual percentages, up to ten percentages, to be redirected but the total must always equal 100%. The Percentage Redirection feature may be used with any of the option columns. If this feature is used in more than one option, the optional feature charge applies to each option utilizing the feature.
3. Auto-Attendant Redirecting. As an optional feature, the Company will load a customer defined, Company approved pre-recorded message. After incoming callers hear the message, they may be disconnected or transferred without requiring a response or the caller may be prompted to enter a "1", "2" or "3" on their touch-tone pad. The call will then be redirected to a telephone number that the customer designated for that selection. The customer may select up to three redirect choices for each equipped number. The Auto-Attendant Redirecting feature may be used with any of the option columns. If this feature were used in more than one option, the optional feature charge would apply to each option utilizing the feature.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)**

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**6.15.1 Description (Cont'd)**

4. Number Identification Redirecting allows the customer to redirect calls based upon the originating telephone number, NXX, LATA, or NPA of the incoming caller. This allows the customer to direct particular callers to specific numbers, based upon their telephone number. If an incoming caller's number is on the list, the call will be redirected to the "on-list" number. If the incoming caller's telephone number is not on the list, the call may be completed as dialed. The customer may have as many numbers as desired on the list. The customer will be billed for each 100 numbers or any fraction thereof. Number Identification Redirecting may be used with any of the option columns. If this feature is used in more than one option, the optional feature charge applies to each option utilizing the feature.
  - a. Number Identification may not be used to pass the calling party's number to the customer.
5. Single Number Destination Service – This feature will allow customers to redirect an entire group to a single number provided at the time of activation. At the time of provisioning, customers must designate an interexchange carrier of their choice to carry the redirected traffic.
6. Custom Applications – In addition to the optional features offered in this tariff, custom applications may also be provisioned. Custom applications such as the inclusion of a single table or single field manipulation in the call processing record to meet a specific customer's need are available.

**E. Enhanced Features**

1. SuperGroups – The customer may organize its groups into SuperGroups. A SuperGroup allows the customer to modify the active option of multiple groups at the same time. For example, if groups 101, 102 and 105 belong to SuperGroup 001, setting SuperGroup 001 to option 3 would set 101, 102 and 105 to option 3.
  - a. When a group belongs to multiple SuperGroups, the active option defaults to the last option set. Using the example with SuperGroup 001 preceding and an additional SuperGroup 002 which contains groups 103, 104 and 105; if after SuperGroup 001 is set to option 3, and SuperGroup 002 is set to option 2, then group 105's active option would be set to option 2.
2. Alternate Central Office Triggers – The ability to place triggers in central offices, other than the original terminating central office, allows customers to redirect from the office in which the call originates without requiring the call to complete to the terminating central office. In the event that the terminating central office is out of service, the customer's CRS may be activated, and all calls processing in an office with an alternate central office trigger will be redirected per the current active option at that time.
  - a. Allowing triggers to be placed in more than the terminating central office may increase the call volumes processed because a portion of the calls may actually be processed by more than one office. The customer's group charges would reflect the increased call volume.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.15.1 Description (Cont'd)**

- F. Customer Transaction – Occasionally, customer may require a one-time effort related to their CRS. This may include the generation of a special report, out of hours programming support for testing or other special handling of the service that was not included in the rate development for the service. A Custom Transaction charge will apply to recover costs associated with these special requests.

**6.15.2 Application of Rates and Charges****A. Nonrecurring Charges**

1. Establishment of Service applies to new orders of CRS. If a customer is modifying the existing order, including adding additional numbers or adding a SuperGroup, the Rearrangement Charge applies. The addition of a new group, or a request for additional security forms, will result in a Service Establishment Charge.
2. Rearrangement Charge applies to each rearrangement. This is in addition to any normal service order charge. Each change to an equipped number will result in a nonrecurring charge for each equipped number impacted.
3. Password Initialization – This charge applies each time, after service establishment, that the customer requests that the Company reinitialize the pass code to the default pass code or is requested to modify existing security profiles. A service order will be generated after the initialization takes place and a Service Charge may also apply.

**B. Standard Features**

1. Equipped Number Charges – A monthly rate applies for each equipped number. The monthly rate per number will be based on the quantity of equipped numbers within the group customer's account. In addition to the monthly rate, a nonrecurring charge will apply to each number that CRS is installed only.
2. Group Charges – A monthly rate, in addition to a nonrecurring charge, will apply for each group of equipped numbers the customer designates. The monthly rate will be based on the estimated monthly volume of queries expected by the equipped numbers. A query is launched to the AIN database when a trigger is encountered. In a basic implementation, query volume is equal to the call volumes. As enhancements to the call processing logic are added and additional triggers placed, the query volume may exceed the call volume.
3. Redirecting Telephone Numbers – A monthly rate and a nonrecurring installation charge for each telephone number assigned that will be used solely for the purpose of provisioning Customer Redirect Service.

- C. Optional Features – Each group may have up to three options for the basic rate, however, up to six additional options may be provisioned for an additional cost.

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.15.2 Application of Rates and Charges (Cont'd)**

1. Time-of-Day/Day of Week – A nonrecurring charge will apply at the time of the establishment of this feature and a flat monthly rate will be billed for each option with this feature. For changes made by the Company on behalf of the customer, rearrangement charges will apply.
2. Percentage Redirecting – A nonrecurring charge will apply at the time of the establishment of this feature and a flat monthly rate will be billed for each option with this feature. For changes made by the Company on behalf of the customer, rearrangement charges will apply.
3. Auto Attendant Redirection – Due to the multiple configurations which may be used to provision this capability, pricing will be equal to subscription of the individual components where existing tariff services are used or developed to meet customized applications on a customer specific basis.
4. Number Identification Redirection – A monthly rate and a nonrecurring charge will apply at the first 100 telephone numbers listed for Number Identification Redirecting. Each additional 100 numbers or fraction thereof, will incur a nonrecurring charge and a monthly recurring charge.
5. Single Number Destination – A nonrecurring charge and monthly rate will apply for each group on which this feature is ordered.
6. Custom Applications – A nonrecurring charge will apply for the establishment of each custom feature and a flat monthly rate will be billed for each option with this feature. For changes made by the Company on behalf of the customer, rearrangement charges will apply.

**D. Enhanced Features**

1. SuperGroups – A nonrecurring charge will apply for the establishment of this feature and a flat monthly rate will be billed for each group with this feature. For changes made by the Company on behalf of the customer, rearrangement charges will apply.
2. Alternate Central Office Trigger – A nonrecurring charge will apply for the establishment of this feature and a flat monthly rate will be billed for each central office in which the trigger is placed. For changes made by the Company on behalf of the customer, rearrangement charges will apply.

**E. Custom Transaction – A nonrecurring charge will be determined on an individual case basis prior to the transaction.****F. Termination Liability – A twelve-month termination liability will apply. If CRS is cancelled prior to the twelve-month period, the full monthly rate for each remaining month, or part thereof, will be charged. Changes to the original configuration shall not constitute a cancellation as long as the total number of CRS main telephone numbers has not decreased.**

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**SECTION 6 – AUXILIARY EXCHANGE SERVICES (Cont'd)****6.15.2 Application of Rates and Charges (Cont'd)**

- G. Five Year Option – Customers with more than 500 lines provisioned may choose to sign a five-year option, which will lower the monthly line rate. In the event the customer wishes to terminate the service prior to the end of the commitment period the rate will be recalculated to the month-to-month rate and the twelve-month termination liability will apply.

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**SECTION 7– SERVICE PACKAGES****7.1 ValuePack****7.1.1 Description**

- A. ValuePack is a billing arrangement whereby one-party residence customers can subscribe to any number of the following services/features and allowable combinations thereof at a single discounted monthly rate. This services are provided subject to their individual service regulations specified elsewhere in Section 7.
1. Ultra Forward Feature Access 1-20 lines
  2. Customer Calling Services – Call Forwarding, Call Forwarding Busy Line Don't Answer, Call Forwarding Busy Line, Call Forwarding Don't Answer, Call Waiting, Speed Dialing 8 Codes, Speed Dialing 30 Codes, Three Way Calling
  3. SmartPhone Services – Caller Waiting ID Deluxe, \*69, Call Waiting ID with name, Caller ID, Caller ID – Number Only, Caller ID, Busy Redial
  4. Distinctive Ring Service
  5. Voice Dialing Service
- B. ValuePack is available only to customers whose basic service is provided over Company access lines.

**7.1.2 Application of Rates and Charges**

- A. Monthly Rates – In lieu of the monthly rates that would otherwise apply for the individual services, a single ValuePack monthly rate will apply per line equipped, when a customer subscribes to those services as offered under ValuePack.
1. The ValuePack monthly rate is in addition to the rates and charges for the associated one-party main telephone exchange service, as well as other applicable rates and charges that apply for other associated services.
- B. Service Charges – Element 1 service order charge does not apply.

**7.2 Local and Toll Package****7.2.1 Description**

- A. Availability – Local and Toll package is no longer available to new customers. Existing customers may retain this service at their present location in the same or greater quantities.



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**SECTION 7– SERVICE PACKAGES (Cont'd)****7.2.1 Description (Cont'd)**

- B. Local and toll package is a billing arrangement whereby residence customers can subscribe to the following appropriate (based on customer location) exchange service and features as a package for a single discounted monthly rate. The services are provided subject to their individual service regulations specified elsewhere in this Tariff.
1. Eastern LATA Unlimited Calling (including dial tone line)
  2. CallAround 413 Plus (including dial tone line and local usage)
  3. Touch Tone
  4. ValuePack (excluding speed Dialing 8 Codes)
- C. Local and toll package is not available to customers receiving a lifeline reduction in monthly basic exchange service rates.

**7.2.2 Application of Rates and Charges**

- A. Monthly Rates – In lieu of the monthly rates that would otherwise apply for the individual services/features, a single SoundDeal monthly rate will apply per line equipped.
- B. Service charges do not apply.

**7.3 Local Package/Local Package Standard****7.3.1 Description**

- A. Local package/local package standard is a billing arrangement which provides residence customers with a combination of local service and an optional feature package for a single monthly rate. All services are provided subject to their individual service regulations specified elsewhere in the tariff.
- B. The local package/local package standard includes either one-party unlimited or Metropolitan exchange service and touchtone service. In addition, customers select either the local package standard option, which consists of up to any three of the following services, or the local package options, which consists of any four or more of the following services:
1. Caller ID, Call waiting ID with name, or Caller ID – Number Only, or Caller Waiting ID Deluxe
  2. Call waiting
  3. Call forwarding
  4. Call Forwarding Busy Line Don't Answer, Call Forwarding Busy Line, Call Forwarding Don't Answer
  5. Distinctive Ring – package I
  6. Distinctive Ring – package II
  7. Busy Redial
  8. \*69
  9. Speed calling 30
  10. Three-way calling
  11. Voice Dialing
  12. Ultra Forward
  13. Anonymous Call Rejection

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**SECTION 7– SERVICE PACKAGES (Cont’d)****7.3.1 Description (Cont’d)**

- C. Local package/local package standard is available only to customers whose basic exchange service is provided over Company access lines.
- D. Local package/local package standard is not available to customers receiving a lifeline reduction in monthly basic exchange service rates. Local package/local package standard is also not available to customer with ISDN, Centrex, Student Centrex services.

**7.3.2 Application of Rates and Charges**

- A. Monthly Rates – The local package/local package standard rates apply in lieu of the monthly rates that would otherwise apply for the individual services included in local package/local package standard.
- B. Service charges for installation of a network access line or changing the class or grade of service do not apply when a customer is also subscribing to the local package. Service charges do not apply to add a feature.

**7.4 Multi-Line Package Bonus Discount****7.4.1 Description**

- A. Multi-line package bonus discount is a billing arrangement that provides one-party residence customers that have two or more access lines and purchase one or more of the following services/packages in allowable combinations, with a discount.
  - 1. Local package
  - 2. Local package standard - The multi-line package bonus discount is no longer available for new local package standard customers. Existing customers will retain the discount at their present location.
  - 3. ValuePack
  - 4. Local and toll package
  - 5. Bay State East
  - 6. Eastern LATA unlimited calling
  - 7. CallAround 413 Plus
  - 8. Local Package Plus
- B. To be eligible for the multi-line package bonus discount, all the customer’s lines must be on the same premises and billed to the same customer and billing telephone number.
- C. Multi-line package bonus discount is available only to customers who basic service is provided over Company access lines.
- D. The services and packages are provided subject to their individual service regulations specified elsewhere in the tariff.
- E. Multi-line package bonus discount is not available on services for which customers are receiving a lifeline reduction in monthly rates.

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**SECTION 7– SERVICE PACKAGES (Cont’d)****7.4.2 Application of Rates and Charges**

- A. A percent discount applies to the monthly rate for each eligible service/package on each line.
- B. The Element 1 service order charge does not apply to establish a multi-line package bonus discount.

**7.5 Package Bonus Discount****7.5.1 Description**

- A. The Package Bonus discount is a billing arrangement that provides eligible one-party residence customers that purchase the following service, with a discount.
  - 1. Talking Call Waiting
  - 2. Call Intercept Service
- B. To be eligible for the Package Bonus discount, the customer must subscribe to one of the following services/packages.
  - 1. Local package
  - 2. Local package standard – The package bonus discount is no longer available for new local package standard customers. Existing customers will retain the discount at the present location.
  - 3. ValuePack
  - 4. Local and toll package
  - 5. Bay State East
  - 6. Eastern LATA unlimited calling
  - 7. CallAround 413 Plus
  - 8. Local Package Plus
- C. Services and packages are provided subject to their individual service regulations specified elsewhere in the tariff.

**7.5.2 Application of Rates and Charges**

- A. A percent discount applies to the monthly rate for each service specified in 7.5.1A
- B. The Element 1 service order charge does not apply to establish a package bonus discount.

**7.6 Local Package Plus****7.6.1 Description**

- A. Local Package Plus is a billing arrangement which provides residence customers with a combination of local service, intraLATA toll and an optional feature package for a single monthly rate.

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**SECTION 7– SERVICE PACKAGES (Cont’d)****7.6.1 Description (Cont’d)**

- B. Local package Plus includes one-party unlimited exchange service, unlimited intraLATA toll and touch tone service. In addition, customers can select any of the following.
1. Caller ID, Call Waiting ID with Name, or Caller ID – Number Only, or Calling Waiting ID Deluxe
  2. Call Waiting or Talking Call Waiting
  3. Call Forwarding
  4. Call Forwarding Busy Line Don’t Answer, Call Forwarding Busy Line, Call Forwarding Don’t Answer
  5. Call Intercept
  6. Distinctive Ring – Package I
  7. Distinctive Ring – Package II
  8. Busy Redial
  9. \*69
  10. Speed Calling 30
  11. Three-way Calling
  12. Voice Dialing
  13. Ultra Forward
  14. Anonymous Call Rejection
- C. Local Package Plus is available only to one-party residence customers whose basic exchange service and intraLATA toll service are provided over Company access lines. Local Package Plus is available for resale.
- D. Local Package Plus is not available to customers receiving a lifeline reduction in monthly basic exchange service rates. Local Package Plus is also not available to customer with ISDN, Centrex, or Student Centrex services.

**7.6.2 Application of Rates and Charges**

- A. Monthly Rates – The Local Package Plus rates apply in lieu of the monthly rates that would otherwise apply for the individual services included in Local Package Plus.
- B. Service charges for installation of a network access line or changing the class or grade of service do not apply when a customer is also subscribing to the Local Package Plus. Service charges do not apply to add a feature.

**7.7 Local Package Basic****7.7.1 Description**

- A. Local Package Basic is a billing arrangement which provides residence customers with a combination of unlimited local service, unlimited intraLATA toll service and an optional feature package for a single monthly rate.
- B. Local Package Basic includes one-party unlimited exchange service, unlimited intraLATA toll and touch tone service. In addition, customers can select any of the following value-added services.

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**SECTION 7– SERVICE PACKAGES (Cont'd)****7.7.1 Description (Cont'd)**

1. Caller ID, Call Waiting ID with Name or Call Waiting ID Deluxe with Name
2. Anonymous Call Rejection
3. Call Forwarding Busy Line or Call Forwarding Don't Answer or Call Forwarding Busy Line Don't Answer
4. Call Waiting
5. Three-Way Calling
6. Speed Dialing 8

**C. Availability**

1. Local package Basic is available to one-party residence customers whose basic exchange service and intraLATA toll service are provided over Company access lines.
2. Local Package Basic is not available to customers receiving a lifeline reduction in monthly basic exchange service rates. Local Package Basic is also not available to customers with ISDN, Centrex, or Student Centrex services.
3. Local Package Basic is not available in conjunction with any other local or intraLATA toll calling plans or packages.

**D. Multi-Line Package Bonus Discount and Package Bonus Discounts do not apply to Local Package Basic.****7.7.2 Application of Rates and Charges**

- A. Monthly Rates – The Local Package Basic Rate applies in lieu of the monthly rates that would otherwise apply for the individual services included in the Local Package Basic offer.
- B. Service charges for installation of a network access line or changing the class or grade of service do not apply when a customer is also subscribing to Local Package Basic. Service charges do not apply to add a feature.

**7.8 Unlimited Local Usage for Business****7.8.1 Description**

- A. Unlimited Local usage for Business is an optional calling plan which includes unlimited local voice usage for a flat monthly rate. Unlimited Local for Business is only available to business customers with Business exchange service and/or Digital Centrex Plus Service, as set forth below. Exchange Access line rate is not included.
  1. Unlimited local voice usage includes the customer's local calling area including Zone 1 and Zone 2 usage where applicable.

**7.8.2 Regulations**

- A. Unlimited Local Usage Business is available on Business exchange service, and Digital Centrex Plus lines where facilities permit.

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**SECTION 7– SERVICE PACKAGES (Cont’d)****7.8.2 Regulations (Cont’d)**

- B. Unlimited Local Usage for Business is available only to customers who subscribe to Company as their carrier for all local and intraLATA toll calls.
- C. Unlimited Local Usage for Business applies per telephone line.
- D. Unlimited Local Usage for Business packages are available to business customers who subscribe to 25 or fewer Company lines (voice grade or voice grade equivalent) at the time service is initiated.
- E. Eligible business customers may subscribe to the Unlimited Local Usage for Business plan for a maximum of ten (10) lines.
- F. Unlimited Local Usage for Business is not available with FlexGrow Service, Enhanced FlexGrow Service, PBX trunks, ground start lines or trunks, ISDN Basic Service, ISDN Primary Service, Remote Call Forwarding Service, Foreign Exchange Service, Public Telephone Service, FLEX, and Analog to Digital Conversion Digital PBX services.
- G. Unlimited Local Usage for Business is not available with the following business packages or optional plans: Selective Calling Service, Corporate Rewards, Customer Specific Pricing Plans (CSP), and Facility Based Payment Options plans (FPOs).
- H. Unlimited Local Usage for Business does not apply to the following calls and services:
- |  |   |
|--|---|
| - Collect Calls                        | - Emergency Interrupt                         |
| - Calling Card                         | - Repeat Calls, Return Calls (per activation) |
| - Time, Lottery and Weather            | - Person-to-Person Calls                      |
| - 555, 700, 900, 976 Service           | - IDS Type Calls (Audiotext)                  |
| - Busy Line Verification               | - Third Number Billed                         |
| - Circuit 9 Service                    | - Intercept call Completion                   |
| - Directory Assistance Call Completion | - Mass Announcement Services                  |
| - All Other Operator Handled Calls     | - Directory Assistance                        |
| - Three-Way Calling (per activation)   | - Group Bridging Service                      |
- I. All regulations applicable to Digital Centrex Plus Service apply to that service when offered with the Company’s Unlimited Local Usage for Business package.
- J. Customers may discontinue their enrollment in the package at any time upon request to the Company.

**7.8.3 Application of Rates and Charges**

- A. The Unlimited Local Usage for Business monthly rate applies in addition to and does not include a Basic Exchange Dial Tone Line or Digital Centrex Plus line.
- B. Service and Equipment connection charges do not apply to an existing customer who chooses to add Unlimited Local Usage for Business to their line or changes from Basic Exchange Business 1-Party Unlimited Usage service to enroll in Unlimited Local Usage for Business.

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**SECTION 7- SERVICE PACKAGES (Cont'd)**

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**7.9 Unlimited Local and Toll Usage for Business****7.9.1 Description**

- A. Unlimited Local and Toll Usage for Business is an optional calling plan which includes unlimited local voice usage for a flat monthly rate. Unlimited Local and Toll Usage for Business is only available to business customers with Business exchange service and/or Digital Centrex Plus Service, as set forth below. Exchange Access line rate is not included.

1. Unlimited local voice usage includes the customer's local calling area including Zone 1 and Zone 2 usage where applicable.

**7.9.2 Regulations**

- A. Unlimited Local and Toll Usage Business is available on Business exchange service, and Digital Centrex Plus lines where facilities permit.
- B. Unlimited Local and Toll Usage for Business is available only to customers who subscribe to DSCI as their carrier for all local and intraLATA toll calls.
- C. Unlimited Local and Toll Usage for Business applies per telephone line.
- D. Unlimited Local and Toll Usage for Business packages are available to business customers who subscribe to 25 or fewer Company lines (voice grade or voice grade equivalent) at the time service is initiated.
- E. Eligible business customers may subscribe to the Unlimited Local and Toll Usage for Business plan for a maximum of ten (10) lines.
- F. Unlimited Local and Toll Usage for Business is not available with FlexGrow Service, Enhanced FlexGrow Service, PBX trunks, ground start lines or trunks, ISDN Basic Service, ISDN Primary Service, Remote Call Forwarding Service, Foreign Exchange Service, Public Telephone Service, FLEX, and Analog to Digital Conversion Digital PBX services.
- G. Unlimited Local and Toll Usage for Business is not available with the following business packages or optional plans: Selective Calling Service, Corporate Rewards, Customer Specific Pricing Plans (CSP), and Facility Based Payment Options plans (FPOs).
- H. Unlimited Local and Toll Usage for Business does not apply to the following calls and services:
- |  |   |
|--|---|
| - Collect Calls                        | - Emergency Interrupt                         |
| - Calling Card                         | - Repeat Calls, Return Calls (per activation) |
| - Time, Lottery and Weather            | - Person-to-Person Calls                      |
| - 555, 700, 900, 976 Service           | - IDS Type Calls (Audiotext)                  |
| - Busy Line Verification               | - Third Number Billed                         |
| - Circuit 9 Service                    | - Intercept call Completion                   |
| - Directory Assistance Call Completion | - Mass Announcement Services                  |
| - All Other Operator Handled Calls     | - Directory Assistance                        |
| - Three-Way Calling (per activation)   | - Group Bridging Service                      |
- I. All regulations applicable to Digital Centrex Plus Service apply to that service when offered with the Company's Unlimited Local and Toll Usage for Business package.

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**SECTION 7– SERVICE PACKAGES (Cont'd)****7.9.2 Regulations (Cont'd)**

- J. Customers may discontinue their enrollment in the package at any time upon request to the Company.

**7.9.3 Application of Rates and Charges**

- A. The Unlimited Local and Toll Usage for Business monthly rate applies in addition to and does not include a Basic Exchange Dial Tone Line or Digital Centrex Plus line.
- B. Service and Equipment connection charges do not apply to an existing customer who chooses to add Unlimited Local and Toll Usage for Business to their line or changes from Basic Exchange Business 1-Party Unlimited Usage service to enroll in Unlimited Local Usage for Business.



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**SECTION 8 – DIGITAL SERVICES****8. Data Over Voice (DOV)****8.1 General**

Rates and charges for services explained herein are contained in Section 20.

**8.1.1 Definitions**

**Asynchronous** - A form of communications whereby each data character is individually synchronized by means of start and stop elements.

**Central Office Data Voice Multiplexer (CDVM)** - A device attached to the exchange line at the serving central office which allows for the expansion of the permit simultaneous or independent transmission of data and voice.

**Remote Data Voice Multiplexer (RDVM)** - A device attached to the exchange line at the customer's premises which allows for the expansion of the channel to permit simultaneous or independent transmission of data and voice.

**Serving Central Office** - The central office which provides the customer with local exchange telephone service.

**Synchronous** - A form of communications whereby data characters are sent in a continuous stream to the destination.

**8.1.2 Description**

- A.** Data over Voice service provides point to point transport of low to medium speed data operating concurrent with single-party analog voice service. DOV will utilize technology that allows the simultaneous transmission of full duplex asynchronous or synchronous data up to 9.6 kbps, and voice frequency operation over the same normal two-wire exchange loop facility.
  - 1.** The data and voice channels of the common loop are split at the central office. The voice channel is connected to the subscriber line side of the voice switch and is handled like a normal voice call. The data channel is converted to four-wire DS-0 format for digital transmission through the network or for digital access to compatible central office based services.
- B.** DOV is furnished only in conjunction with tariffed services capable of transmitting analog voice over a two-wire loop. DOV is provided only where suitable facilities are available subject to the technical and transmission limitations of the facilities and equipment used by the Company as set forth in NTR-74374 and NTR-74375.
- C.** The basic DOV channel charge includes the CDVM which is used to create the data channel between the customer location and the serving central office.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.1.2 Description (Cont'd)**

- D.** Synchronous and asynchronous data speeds up to 9.6 kbps may be transmitted over the DOV channel.
- E.** DOV requires the use of a RDVM located on the customer premises and which must be compatible with the Company's central office facilities and equipment and is subject to the limitations specified in NTR-74374.
- F.** Carriers may order DOV to be used in conjunction with a qualified two-wire analog voice service.
  - 1.** **DOV Back to Back Service** provides for a single data channel between two customer locations. Two DOV channels are required. If the two locations are in the same serving central office, the two CDVM's associated with the two DOV channels are interconnected at the central office. If the two locations are not in the same serving central office, the two DOV channels are interconnected at the serving central offices with interoffice facilities.
  - 2.** **DOV Access** provides for connection to a central office capable of providing the compatible network services. If the customer is served by a central office capable of providing the requested service, the customer requires a channel to the serving central office. If the customer is not served by a central office capable of providing the requested service, the customer requires a DOV channel to the serving central office and the interoffice facilities to the office capable of providing the network service.

**8.1.3 Service Components**

- A.** **DOV Channels** are single data channels from the RDVM at the customer's premises to the CDVM at the customer's serving central office.
- B.** **Interoffice Facilities** provide the transmission path between serving central office.

**8.2 Digital Service II (DSII)****8.2.1 Description**

Rates and charges for services explained herein are contained in Section 20.

- A.** DSII which is provided where suitable facilities exist, is a digital private line service which provides for simultaneous transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6, 19.2, and 56 kbps within a Local Access and Transport Area (LATA).
- B. Availability**
  - 1.** DSII service provided via a two-wire technology connected to UDVM customer provided equipment is available only to customers with service connected prior to September 2, 2001.
  - 2.** Rates, charges and volume discounts for two-wire local distribution channels - 2.4, 4.8, 9.6 and 19.2 kbps are available only to customers with service connected prior to September 2, 2001.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.2 Description (Cont'd)**

3. Customers with service connected prior to September 2, 2001 may retain their service unless their designated premises is moved, they request that the Company hub be changed, or they request a change to the service that results in disconnection of the service. The Company also reserves the right to migrate these grandfathered customers to another comparable service in the event that the existing UDVM electronics cannot be maintained, and agrees to waive the nonrecurring charge associated with that migration.

**C. Service Options**

1. **Two-Stations Service** - This offering may consist of two local distribution channels furnished in the same serving wire center or, two local distribution channels furnished in different serving wire centers requiring an interoffice channel. Local distribution channels must be technically compatible and must have technically compatible Customer Provided Equipment (CPE) at both ends.
2. **Multi-Station Service** - This service consists of connections of three or more stations from designated serving wire centers and provides the capability to connect multiple stations. All stations must operate at the same transmission speed. Local distribution channels must be technically compatible and must have technically compatible CPE at all ends.
3. **Point to Serving Wire Center** - This offering consists of a local distribution channel between the customer premises and the customer's serving wire center where DSII capability exists to facilitate connection to another Company service, or, a local distribution channel and interoffice facilities between the customer's serving wire center and the serving wire center where another company service is available.
4. **Secondary Channel Capability** - Channel conditioning, provided from suitable equipped serving wire centers, that permits a DSII channel to be used with a compatible customer provided Data Service Unit which can derive a lower speed secondary channel at a synchronous rate as described in NTR-74380. The secondary channel operates in parallel with the primary DSII channel and is used for diverse network capabilities including, but not limited to, providing a lower speed data channel or access to a network management system to perform on line diagnostics and testing, data monitoring traffic measurement, etc.

**D. Service Components**

1. **Long Distribution Channel** - A loop between the customer's premises and the customer's serving wire center where DSII digital service capability exists.
2. **Interoffice Channel** - A transmission path between serving wire centers where DSII capability is available. The mileage is based on the airline distance using V and H coordinates between the serving wire centers.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.2.2 Application of Rates and Charges**

- A.** Service charges apply as appropriate, and are in addition to the charges specified for monthly rates.
- B.** Nonrecurring charges do not apply to 84, 120, or 180 month OPPs.
- C.** **System Conversion** - If, for the Company reasons, a system conversion to a DSII system with 400 or more local distribution channels must be completed over a period of time that is greater than the normal interval for the service, the customer will be charged at the DSII rate for the entire system from the completion of the first conversion order.

**8.2.3 Termination Liability**

- A.** If a customer terminates service or cancels an OPP before the expiration of a commitment period, the customer is subject to a termination liability charge. If a customer terminates service prior to a minimum service period, the minimum service period charges also apply, in addition to the discounted month rates for each channel.
- B.** The termination charges applicable to DSII are equal to 50% of the present value of the unpaid balance of the OPP, except under the following situations:
  - 1.** The termination charges applicable to customers whose OPP is 84, 120, or 180 months is 5% of the present value of the unpaid balance of the OPP under the following circumstances:
    - a.** When the remaining period of an 84 month OPP is 24 months or less.
    - b.** When the remaining period of a 120 month OPP is 60 months or less.
    - c.** When the remaining period of a 180 month OPP is 120 months or less.
- C.** If the customer has paid Schedule A prices upfront, then no termination charges are applicable if Schedule A charges are paid in the form of monthly rates, then termination charges apply as specified in Section 9.4.5B1. If nonrecurring charges are paid in the form of monthly rates, the termination charges applicable to the nonrecurring charges are equal to 100% of the present value of the remaining monthly payments. The present value of outstanding OPP monthly rates is determined in accordance with the principles of the Time Value of Money at an effective interest rate of .99384% monthly.
- D.** Customers whose initial OPP includes 200 or more local distribution channels may decrease the number of local distribution channels over the life of the OPP by a total of 20% without incurring a termination charge. The total number of local distribution channels that may be removed without a termination charge during the life of OPP may not exceed 20% of the total number of local distribution channels that have been installed.
- E.** When a customer disconnects some or all discounted channels in order to replace them with other Company provided channels, the appropriate minimum service period charges would apply. The termination liability does not apply provided that the following apply

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.2.3 Termination Liability (Cont'd)**

1. The orders for the new channels and the disconnect of the exiting channels are placed with the Company at the same time, and the new channels have an equal or higher channel capacity than the disconnected channels.
- F.** If the customer increases service prior to the expiration of a payment period, the customer may elect to include the existing services with the new services under a new OPP. The new payment period must be equal to or greater than the existing payment period. Under this arrangement, the customer would not be subject to the termination liability charge of the prior agreement. The customer also has the option of subscribing to the additional services under a separate OPP. The customer may add additional channels to the existing OPP at the existing OPP monthly rates. Upon the expiration of the existing OPP, the channels added to the system will be subject to a termination charge equal to 50% of the present value of the unpaid balance of the monthly rates (except as specified in Section 9.4.5B1) and 100% of the unpaid balance of the Termination nonrecurring charges if they are being paid monthly. Termination charges apply only if service is discontinued.
- G.** A customer may, at any time prior to the expiration of the selected payment period for an existing OPP, change to an OPP with a longer payment period at the then effective discount. No termination liability charges will apply for any services extended under the longer commitment period. The monthly rates applicable for the longer commitment period will apply effective with the next bill day following the request for the change.
- H.** At the end of the payment period, the customer will have the option of subscribing to any then effective discount plans or retaining the service under the standard rates in effect at that time. If the customer does not notify the Company of its choice, standard rates will be applied upon expiration of the payment period.

**8.3 Integrated Services Digital Network (ISDN) Services****8.3.1 ISDN Basic Service and Virtual Serving Arrangement (VSA)**

Rates and charges for services explained herein are contained in Section 20.

**8.3.1.1 Description**

- A.** ISDN basic is an optional arrangement that allows for the integration of voice and non voice (data) transmission on a single telephone access line and provides access as a digital gateway which will allow for the introduction of additional services.
- B.** ISDN basic consists of the following features:
1. Digital subscriber line which provides digital termination capabilities to the customer's premises and allows for the simultaneous transmission of voice and data traffic.
  2. Basic service capabilities.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.1.1 Description (Cont'd)**

3. Optional features and optional features packages.
  4. Circuit switched data local usage packages.
- C.** Each ISDN basic line may be connected to a single ISDN voice, data or combined voice and data Customer Provided Equipment (CPE) device.
- D.** ISDN basic is furnished subject to availability of facilities and is provided only from a local digital central office switch. The Company will determine the type of central office switch. This service is provided from suitably equipped digital central offices, and is available for use only with qualified one-party residence or business main telephone exchange service lines or with main station lines equipped for digital Centrex services.
1. A qualified line is metallic and within the loop deployment range as specified in the Company Outside Plant Engineering methods.
- E.** Each ISDN basic line is provided with one telephone number which is referred to as the Primary Directory Number (PDN). Secondary Directory Numbers (additional numbers) may be requested.
- F.** ISDN basic is not available for use with trunk lines, Dormitory Communication Service (DCS), Centrex service (other than digital Centrex services), PASL services or PAL lines.
- G.** **Customer Notification** - ISDN basic can only be provided from suitably equipped digital central office switches. In multiple switch central office locations where all switches are not equipped for ISDN basic, a changes of telephone number may be required to obtain ISDN basic. If this situation exists, the customer will be so notified prior to subscription to ISDN basic. The change of telephone number incurs no additional charge.
- H.** **Limitations** - Service is not furnished where the proposed use of the service or facilities would tend to injuriously affect the efficiency of the Company's plant, property or service.
- I.** **Subscription to Other Service** - Customers who subscribe to ISDN basic must also subscribe to digital Centrex services, or a main telephone exchange service.

**8.3.1.2 Digital Subscriber Line**

- A.** Digital subscriber line provides the digital central office termination that has the potential to support digital ISDN transmission of voice and data to the customer's premises over the two B and single D channels. This service element must be subscribed to prior to any of the other ISDN basic capabilities or features.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.1.3 Basic Service Capabilities**

No more than three basic service capabilities may be activated on a single line. If three basic service capabilities are selected, one of these must be low speed packet switched data. Basic service capabilities are voice and data capabilities which can be combined on a single access line. The access line provides a combination of two B channels and one D channel. Each B channel is capable of transmitting up to 64 kbps for circuit switched voice, circuit switched data, or high speed packet switched data. The D channel is a 16 kbps channel and is used for signaling as well as transmission of packet switched data at speeds up to 9.6 kbps.

**A. High or Low Speed Packet Switched Data**

1. Provides virtual circuit basic service using CCITT X.25 packet switching standards. High Speed Packet Switched Data (HSPSD) operates on a B channel at speeds up to 64 kbps while Low Speed Packet Switched Data (LSPSD) operates on a D channel at speeds up to 9.6 kbps. both the subscriber to high or low speed packet switched data and the other party involved in the transmission must be either served by the same central office switch or served from central offices which are arranged for packet switched data interoffice interconnection.
2. High or low speed packet switched data provides synchronous network transport of data, usually relatively short bursts of data, through the network. The data are separated into discrete segments called packets for high speed transmission through the network. All packets are interleaved (statistically multiplexed) on the facilities as they are transmitted. Routing and control information (packet header) is automatically inserted at the beginning of each packet, and error detection information (packet trailer) is automatically inserted at the end of each packet. Complete with this information, the entire packet is routed through the network to its intended destination over a network path that is established at call set up.
3. The following features are provided as standard with either the high or the low speed packet switched data basic service capability and are negotiated at the time of installation.
  - a. **Calls Barred Incoming, Outgoing** - Prevents an ISDN basic service line equipped with either low or high speed packet switched data basic service capabilities from receiving or originating virtual calls. This feature is offered on a per virtual circuit basis.
  - b. **Fast Select, Fast Select Acceptance** - Allows the user to send up to 128 bytes of user data in the call request packet.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.1.3 Basic Service Capabilities (Cont'd)**

- c. Hunt Group** - Provides a virtual circuit hunt group capability for packet switching which hunts through virtual circuits on a line similar to the analog hunt feature.
  - d. Reverse Charge Acceptance**- Permits a subscriber to, on a per call basis, request the packet switch to assign billing charges to the called line.
  - e. Reverse Charge Request** - Permits a subscriber to, on a per call basis, request the packet switch to assign billing charges to the called data terminal.
  - f. Throughput Class Negotiation** - Permits negotiation of the throughput class (speed or baud rate) for each direction of data transfer associated with a virtual call.
- B.** With either high speed packet switched data or low speed packet switched data, a logical connection (channel) is established between the calling and called line. The logical connection is called a virtual circuit. This differs from a circuit switched connection in that no physical path or circuit is permanently established between the two lines. The virtual circuit exists until the call is terminated by either the called or calling party. The following types of virtual circuits can be established in a packet switched network.
  - 1.** Switched virtual circuits allow the user to establish a communications channel (logical channel) on a switched basis. One switched virtual circuit is included with the basic service capability.
  - 2.** Permanent virtual circuits allow the user to permanently establish a logical channel between two ISDN basic service lines.
- C. Multiple Virtual Circuits** - The high speed packet switched data capability can support up to 127 multiple virtual circuits while the low speed packet switched data capability can support up to 15 multiple virtual circuits.
- D. Circuit Switched Voice** - Operates over a 64 kbps B channel used for voice information transfer.
- E. Circuit Switched Data** - Operates over a 64 kbps B channel used for data information transfer. Both the subscriber to circuit switched data and the other party involved in the transmission must be either served by the same central office switch or served from central offices which are arranged for circuit switched data interoffice interconnection.



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**SECTION 8 – DIGITAL SERVICES (Cont’d)****8.3.1.3 Basic Service Capabilities (Cont’d)**

- F. Alternate Circuit Switched Voice or Circuit Switched Data** - Operates over a single 64 kbps B channel and is capable of speech or data information transfer. The voice or data transmission capabilities may be used alternately on separately established calls. Once a call has been established on an alternate circuit switched voice/circuit switched data capability, the call cannot be changed from voice to data or vice versa without disconnecting and establishing a new call. For simultaneous circuit switched voice and circuit switched data capability, the circuit switched voice and circuit switched data capabilities must be ordered separately.

**8.3.1.4 Optional Features**

At least one basic service capability must be specified before any of the optional features may be selected.

- A. Digital Electronic Telephone Service (DETS)** - A telecommunications service in which the controlling dial switching equipment is located at a Company central office which normally serves the principal premises of the customer thereby eliminating the need for controlling basic service lines with Circuit Switched Voice Basic service capability. The number of ISDN basic service lines equipped with DETS must equal the number of CPE voice stations. Basic DETS provides the following features as part of the offering.
- 1. Feature access** - DETS provides the ability to access call related features either by depressing an assigned button/key or equivalent on the CPE station or equipment or by going off-hook on a call appearance and dialing a feature access code.
  - 2. Call Appearance** - DETS provides for the termination of directory numbers on a designated button or equivalent on the CPE station or equipment. Each call appearance requires a button on the station equipment as defined by the configuration group. The following information describes the use of call appearance.
    - a. Multiple Call Appearance** - Provides for a single primary or secondary directory number to be assigned to up to five call appearance buttons or equivalent on customer provided equipment. This allows the customer to handle more than one call on a single directory number.
    - b. Shared Call Appearance** - Provides for the establishment of a call group where members of the group may share (have access to) directory numbers of other stations in the group (i.e., more than one station may access the same primary or secondary directory number.
    - c. Hold with Shared Call Appearance** - Allows any station to place a call on hold or retrieve a call from hold as long as that station has access to the call appearance of the directory number involved.

## SECTION 8 – DIGITAL SERVICES (Cont'd)

#### 8.3.1.4 Optional Features (Cont'd)

- d. **Bridging with Shared Call Appearance** - Permits a third-party to initiate bridging onto a call in progress, as long as that station has an appearance of the desired directory number and not more than two stations are bridged on the call. A minimum of two call appearances is necessary.
      - e. **Shared Call Appearances with Analog Lines** - Allows analog lines to be included in a DETS system group and for the associated analog number to be assigned to a call appearance button on a DETS station set or equivalent. Only one analog line is allowed per 5ESS ISDN group while seven are allowed on a DMS100.
3. **Configuration Groups** - Standard packages of central office features defined by software to terminate at particular buttons on the CPE station. Standard configuration groups are designed to accommodate a range of ISDN CPE button assignments of central office features beginning at ten buttons up to and including 60 buttons in increments of ten. The customer has the option of ordering nonstandard configuration groups for a nonrecurring charge that applies in addition to a monthly rate that is the same as standard configuration groups and is determined by the number of call appearances/features.
4. **Multiple Directory Numbers** - Provides for more than one directory number to be assigned to the call appearances of a single terminal for the exclusive use of that terminal. One directory number will be specified as the primary directory number. All others are considered secondary directory numbers.
5. **Terminal Management** - Provides for features associated with call appearances to be performed automatically as specified by the customer. The features are as follows.
  - a. **Call Appearance Selection for Conference/Transfer** - Provides that an idle call appearance is automatically selected after the user has pressed the conference or transfer button.
  - b. **Ringing Call Appearance Preference** - Provides that if more than one call is alerting on an ISDN basic service line, the first such call will automatically be selected by the central office when the terminal goes off-hook if a specific call appearance is not manually selected.
  - c. **Idle Call Appearance Preference** - The switch determines what call appearance is selected when the user goes off-hook without first manually selecting an appearance.

## SECTION 8 – DIGITAL SERVICES (Cont'd)

#### 8.3.1.4 Optional Features (Cont'd)

- d. **Automatic Hold/Drop Preference** - The central office automatically determines how to treat a call in progress on a call appearance when the user shifts to another call appearance without placing the active call on hold.
6. **ISDN Group** - Provides for call coverage by allowing a limit of eight primary directory numbers to appear on a single ISDN terminal or set. Directory numbers from multiple ISDN groups may appear on a single terminal or set. Only one analog line is allowed per ISDN group served by a 5ESS switch while seven are allowed on ISDN groups served by a DMS100.
7. **Expanded ISDN Group Coverage** - Enhances the call coverage abilities through the following features.
  - a. **Delayed Ringing** - The customer selects the number of seconds to elapse before ringing is provided on an incoming call. A visual signal, such as flashing light activates as soon as the call originates.
  - b. **Abbreviated Ringing** - Ringing is provided on incoming calls for a customer specified interval.
  - c. **Manual Exclusion** - Prevents other station users in the ISDN group from retrieving a held call and from bridging onto a call in progress.
8. **ISDN Flexible Calling** - Allows the customer to transfer, hold, conference and drop calls through button activation.
  - a. **Drop** - Allows the user to drop the last-party added to a conference call.
  - b. **Transfer** - Allows the user to transfer a call to another terminal.
  - c. **Hold** - Allows the user to place a call on hold.
  - d. **Conference** - Allows the user to include a third-party in the call.
9. **Automatic Intercom/Group Intercom** - A button activated feature which provides for abbreviated dialing to members of a predesignated group of ISDN basic lines equipped with DETS. The intercom feature may be dial-type or arranged for automatic connection to designated intercom members.
10. **Six Way Conference** - Allows Digital Centrex customers to include up to six parties on a call.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.1.4 Optional Features (Cont'd)**

- B. Secondary Directory Numbers (SDN)** - May be associated with any of the voice or data basic services selected on an ISDN basic line. This number does not required the assignment of line equipment for outside plant facilities.
1. Listings for SDNs are provided as specified in Section 4.
- C. Display** - Provides call related data on an ISDN basic service line to the associated terminal that is equipped with display or which can otherwise utilize this information. This service is provided where facilities are available. Display service includes the following features.
1. **Outgoing Called Line Identification** - Provides the originating user with the called number, the directory number used to place the call, and the facility used to place the call.
  2. **Inspect for ISDN Station Sets** - Enables the user to display call related information about calls placed on hold.
  3. **Incoming Calling Line Identification** - Provides the calling number of an incoming call.
- D. High or Low Speed Packet Switched Data Options** - May be subscribed to in addition to the basic features provided with packet switched data basic service capability.
1. **Additional Virtual Circuits** - Are subscribed to in addition to the initial virtual circuit provided with HSPSD or LSPSD basic service capability. They may be switched or permanent.
  2. **Permanent Virtual Circuit Selection** - A circuit which allows the user to permanently establish a logical channel between two ISDN basic service lines.
  3. **Closed User Group** - Allows the customer to establish a subnetwork among a restricted number of other users who can communicate privately with each other.
  4. **Flow Control Parameter Negotiation** - Permits negotiation on a per call basis of the flow control parameters (window size and packet size).

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.1.4 Optional Features (Cont'd)**

- E. Customer Premises Modem Pool** - Provides for the set up and clearing of data calls between an ISDN basic subscriber and a local exchange line utilizing a customer provided modem for data transmission. The data connection is established by routing the call through a member of the modem pool (modem and associated terminal adapter) provided by the customer to perform the necessary analog to digital or digital to analog conversion. This feature must use an ISDN basic service line equipped with LSPSD basic service. No B channel connections to the modem pool members are allowed. Each ISDN basic service line that requires access to a modem pool must subscribe to the Closed User Group packet feature. When using modem pooling, the data speed is limited to 9.6 kbps using the low speed packet switched data capacity.
- 1. Closed User Group** - Provides that only data terminals that belong to the same closed user group can access the modem pool for outgoing service or receive calls via the modem pool.
  - 2. Terminating Modem Pool Access Telephone Numbers** - Directory numbers which may be used by ISDN basic subscribers who wish to receive data calls from non ISDN subscribers via modem pooling. This number corresponds to a different transmission characteristic in the modem pool and can only be used for terminating data calls to a particular ISDN basic line via the modem pool.
- F. Circuit Switched Services (Voice and Data)** - The following features provide additional functionality to a line.
- 1. Multiline Hunt Groups** - Allows a DETS customer to establish hunt groups for voice or data calls. It also allows the customer to stop hunting and/or make busy selected lines in the hunt group. Hunting sequence and hunt group membership will be dependent on individual directory numbers, either voice or data.
    - a. Stop Hunting** - Allows a customer to stop the hunting sequence at the specific hunt group member that activates this feature.
    - b. Make Busy** - Allows a customer to make a line busy without affecting the overall sequence.
  - 3. Additional Call Offering** - Provides the ISDN line with notification of additional voice and data calls when the user's interface is busy.
  - 4. Associated Groups** - Terminals on an ISDN line may be restricted to less than the total B channel capacity available. Only two Associated Groups are permitted per line.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.1.5 Optional Feature Package**

- A.** The following feature packages are available with measured residence or business (non Centrex) ISDN basic service.
- 1.** **Internet Access** package consisting of Incoming Line Identification and Additional Call Offering features.
  - 2.** **Home Office** package consisting of Incoming Line Identification, Additional Call Offering, ISDN Flexible Calling (Conference, Transfer, Drop, Hold), and Call Forwarding-Variable features.
  - 3.** **Deluxe** package consisting of Incoming Line Identification, Additional Call Offering, ISDN Flexible Calling (Conference, Transfer, Drop, Hold), and Call Forwarding (Variable, Does Not Answer, Busy) features.

**8.3.1.6 Optional Circuit Switched Data Local Usage Packages**

- A.** The following circuit switched data local usage packages are available only with measured, non Centrex ISDN basic service.
- 1.** 20 Hour.
  - 2.** 60 Hour.
  - 3.** 140 Hour.
- B.** In exchanges where Metropolitan service is available, only Zone 1 local usage is eligible to be included in the packages.

**8.3.1.7 Virtual Office ISDN (VOI)**

- A.** The VOI is available only to measured business or digital centrex service customers and consists of the following:
- 1.** An ISDN digital subscriber line with circuit switched data and alternative circuit switched voice or data capabilities.
  - 2.** Digital Electronic Telephone Services (DETS) up to 10 - 60 call appearance/features with three call appearances and ISDN flexible calling (drop, transfer, hold, and conference), display - incoming line identification, call forwarding variable, and additional call offering.
  - 3.** Unlimited circuit switched data local usage.
- B.** The VOI is limited to two packages per premises.
- C.** The total monthly rate applies whether or not all of the features is the package are activated.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.1.7 Virtual Office ISDN (VOI) (Cont'd)**

- D. Variable Term Payment Plan (VTPP)** - Monthly rates for the VI are offered under the VTPP described herein and in Part A, Section 1. The VTPP monthly rates are payable over the following optional payment plans (OPP) as selected by the customer.
- 1.** The OPPs for monthly rates are month-to-month, 36 months, and 60 months.
- E. Minimum Service Period** for VOIs provided under month-to-month, 24, 36 and 60 month OPPs is one month.
- F. Expiration** - At the conclusion of OPP commitment period, the customer must either commit to another VTPP or revert to the month-to-month rate.
- G. Termination Liability** - If a customer terminates service prior to a minimum service period, the minimum service period charges apply. If a customer terminates service or cancels an OPP during the first 12 months of the contract, the customer must pay an early termination charge equal to the difference between the month-to-month rate and the contract rate for each month that VOI was in service, up to 12 months.

**8.3.1.8 Virtual Serving Arrangement (VSA)**

- A.** ISDN basic VSA is a special two point digital transmission path between a customer's serving central office and central office that is suitably equipped to provide ISDN basic. This serving arrangement will enable a customer to subscribe to ISDN basic when a customer's serving central office is not equipped to provide ISDN basic.
- 1.** When a customer's serving central office becomes equipped for ISDN basic, the customer can choose to be transferred from the Company designated ISDN basic service equipped central office to the customer's serving central office without charge.
- B.** Customers of this arrangement will be provided exchange service from the predetermined ISDN basic equipped central office.
- C.** This arrangement is furnished from Company designated IDN basic service equipped central offices, subject to the availability of suitable facilities. This arrangement is available only to customers served by central offices not equipped to provide ISDN basic or to customers who have subscribed to this arrangement and want to retain this arrangement subsequent to the conversion of their serving central office to provide ISDN basic.
- D.** VSA is not available with Digital Centrex II services.
- E.** VSA will be provided only on the standard ISDN basic rate interface 2B1Q two-wire U interface.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.1.9 Application of Rates and Charges**

- A. Voice Usage** is governed by the customer's existing class of service and is flat rated or measured accordingly. Voice usage within a Digital Centrex system is not billed on a usage sensitive basis.
1. Unlimited or measured usage rates also apply to Circuit Switched Voice - Second channels.
- B. Data Usage** is always measures and charged except for usage within a Digital Centrex system.
1. **Circuit Switched Data Local Usage Package** monthly rate is applicable whether or not any calls are made. Eligible local usage that exceeds the selected usage package is billed at the associated package per minute rate. Usage generated by all terminals on each line at the customer's premises are aggregated for the purpose of local usage package calculations.
- C. Feature Package** monthly rate is application whether or not any of the features in a package are activated.
- D.** The rates and charges for ISDN service are in addition to the appropriate rates and charges for Digital Centrex service, business or residence exchange services, as well as the appropriate service charges.
- E. Feature Change Charge** applies whenever DETS call appearances are either added, changed or rearranged that do not require a change to a different configuration group or whenever the Terminal Management, Expanded ISDN Group Coverage or ISDN Flexible Calling option features are either added to the existing ISDN basic service or changed. The charge also applies when changes are made to any of the packet switched data service parameters or when any of the high or low speed packet switched data basic service capability features are either added to existing packet switched data service or are subsequently changed.
- F. Additional or Permanent Virtual Circuits** (beyond the first switched virtual circuit included with the basic service capability) may be provided at additional charges.

**8.3.2 ISDN Primary Service****8.3.2.1 Definitions**

**B Channel** - A 64 kbps digital message path capable of transporting voice and data.

**Clear Channel** - Provides for full utilization of the 64 kbps bandwidth of a B channel. The line code used to provide 64 kbps clear channel capability is bipolar with 8 zero substitution, as specified in TR-NWT-000499.



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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.2 ISDN Primary Service (Cont'd)**

**D Channel** - a 64 kbps digital message path used for signaling and control of the B channels.

**ISDN Primary Service DID Telephone Numbers** - Blocks of 100 consecutive telephone numbers or fraction thereof for provision of Direct Inward Dialing (DID).

**8.3.2.2 Description**

- A.** ISDN primary provides access to the Company's voice and circuit switched data transport services via a 1.544 Mbps digital path between ISN compatible customer premises equipment and ISDN equipped central office. ISDN primary includes DID which permits incoming dialed calls from the network to reach a specific station line of a Private Branch Exchange (PBX) or other customer premises equipment without the assistance of an attendant.
- B.** ISDN primary is offered on a measured local service basis and on an unlimited local service basis where unlimited PBX service is available. No local usage allowance is provided.
- C.** ISDN primary may be provided from the customer's normal central office, or from a foreign exchange or foreign central office, subject to the availability of facilities.
- D.** ISDN primary is offered only from suitably equipped central offices, subject to availability of facilities and only within a Massachusetts Local Access and Transport Area (LATA).

**8.3.2.3 Service Components**

- A. Primary Port** - An ISN primary port provides the termination of the local distribution channel in the central office switch. Each port consists of a D channel for signaling and up to 23 B channels for transmission of voice and circuit switched data calls.
- B. Local Distribution Channel** - A 1.544 Mbps two-way transmission path connecting a customer's premises with the port. The framing format for 1.544 Mbps transmission over the ISDN primary service local distribution channel is extended superframe as specified in TR-NWT-000499.
- C. DID Capability** is furnished upon the condition that the customer must subscribe to and have adequate facilities to permit the use of service without injurious effect on general telephone service.
  - 1.** ISDN primary DID numbers will be provided only in blocks of 100 consecutive numbers (or fraction thereof).

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.2.3 Service Components (Cont'd)**

- D.** The local loop component of ISDN Primary Service may be purchased under the terms and conditions of Integrated Access Service, as described in Part C, Section 6 of this tariff. In such cases, Integrated Access Service local loop transport will be provided in lieu of an ISDN Primary Service Local Distribution Channel, and will be connected to an ISDN Primary Service Port to provide a complete service. The monthly rates and charges for an ISDN Primary Service LDC will apply.
- E.** When a customer selects the Integrated Access Service Transport Package 1, 3, or 12 service delivery option, as specified in Part C, Section 6 of this tariff, the rates and charges for the Integrated Access Service Transport Package 1, 3, or 12 Local Distribution Channel will apply in lieu of the rates and charges for the ISDN Primary Service Local Distribution Channel.

**8.3.2.4 Primary Service Capabilities**

The following capabilities are supported on the B channels. Voice and circuit switched data capabilities can be combined over the ISDN primary port and local distribution channel.

**A. Standard Features**

- 1. Circuit Switched Voice** provided digitized speech or voice band data access in conjunction with existing service including local exchange service, Message Telecommunications Service (MTS), and DTFS.
- 2. Circuit Switched Data** allows for the origination and termination of bidirectional circuit switched data calls at data rates of 56 kbps (Clear Channel Capability). Circuit switched data calls may not be received on a B channel dedicated to DTFS or on a call-by-call B channel with an indication of DTFS.
- 3. Call-by-Call Service Selection** allows the customer to specify, on a call-by-call basis via D channel signaling the bearer capability (circuit switched voice or circuit switched data) for calls originated over ISDN primary. The customer will also be notified on a call-by-call basis via D channel signaling, the bearer capability and voice call type (Exchange, MTS or Toll-Free service) for calls terminating over ISDN primary.
- 4. Calling Line Identification** provides the calling number of an incoming call if both the ISDN primary customer and the originator of the call are served from the same central office switch or served from different central office switches which are connected by facilities that can send the calling party's number between the switches.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.2.4 Primary Service Capabilities (Cont'd)**

5. **Channel Configuration** allows some of all B channels to be dedicated to exchange and MTS, DID, or DTFS. Multiple dedicated trunk group can be established on the same port or group of ports. The customer must specify at the time of ordering, the number of dedicated B channels and their specific purpose.

**B. Optional Features**

1. **Calling Line Identification** provides the calling number of an incoming call if both the ISDN primary customer and the originator of the call are served from the same central office switch or served from different central office switches which are connected by facilities that can send the calling party's number between the switches.
2. **Channel Configuration** allows some or all B channels to be dedicated to exchange the MTS, DID, or DTFS. Multiple dedicated trunk groups can be established on the same port or group of the ports. The customer must specify at the time of ordering, the number of dedicated B channels and their specific purposes.
3. **Multiple Facility Signaling Control (MFSC)** allows the D channel of one ISDN primary port to provide signaling for up to 19 other ISDN primary ports. The ports must all be served by the same central office switch and must all serve the same customer premise equipment. This feature is provided in conjunction with the backup D channel optional feature.
4. **Backup D Channel** allows a channel of an ISDN primary port to serve as a backup to standby D channel in case of the failure of the D channel of another ISDN primary port. This feature can only be provisioned in conjunction with the MFSC optional feature. The backup D channel cannot be used as a B channel and can back up only one primary D channel.
5. **Intercom Capability** allows completion of calls between an ISDN primary service customer and other digital Centrex or ISDN primary service locations within the same subscriber network. Usage charges do not apply to intercom use. This feature is provided per channel.
6. **Network Ring Again** allows a calling station which encounters a busy signal within the subscriber network to be notified by the central office switch when the called station becomes idle. The calling station can then automatically redial the call. This feature is provided per controlling D channel.
7. **Calling Line Identification With Name** allows the user to have access to the directory number and name associated with an incoming call.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.2.4 Primary Service Capabilities (Cont'd)**

8. **Two B Channel Transfer** allows the customer provided equipment (CPE) to accept a call from one user and transfer the call to another user outside the CPE, which then released both B channels.
9. **Redirecting Number** allows the original calling party number, plus the last calling party number, to be passed to the end user when a call is forwarded or redirected. The user must have calling line identification or calling line identification with name to enable this feature.
10. **Modified Redirecting Number** allows the original calling party number, plus the last redirected calling party number, to be passed to the end user when a call is forwarded or redirected. The user must have calling line identification or calling line identification with name plus redirecting number to enable this feature.
11. **Optional Feature Package** includes calling line identification with name and redirecting number.
12. **Intercom Capability Package** provides ten or more intercom capability features on one PRI for a single rate.

**8.3.2.5 Application of Rates and Charges**

- A. All local messages are provided at local usage charges for measured business service.
- B. PBX trunk and other network access lines rates and charges, as contained in other section of this tariff, are not applicable to ISDN primary.
- C. Voice usage generated by using ISDN primary will be charged in accordance with the usage rates for the associated service(s). Circuit switched data usage will be charged in accordance with the usage rates for circuit switched data transport.
  1. Unlimited local usage, per call-by-call B channel or dedicated exchange/MTS B channel is charged for as specified for business trunks in the exchange of connection.
- D. Where a customer chooses to have ISDN primary provided on a foreign exchange or foreign central office basis, the rate for 1.544 Mbps interoffice channel applies.
- E. Initial and additional local distribution channels are provided at the monthly rates for 1.544 Mbps local distribution channels. The nonrecurring charge for the initial local distribution channel is the same as the nonrecurring charge specified for 1.544 Mbps local distribution channels

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.2.5 Application of Rates and Charges (Cont'd)**

- F.** An ISDN primary customer served from a foreign exchange or foreign central office may request to have service provided from the customer's normal central office when facilities become available in the normal central office without application of nonrecurring charges.
- G.** Interoffice channels are provided at the rates and charges specified for 1.544 Mbps interoffice channels.
- H.** ISDN primary DID telephone numbers are provided at the rates and charges specified for DID service.

**8.3.3 Circuit Switched Data Transport****8.3.3.1 Description**

- A.** Circuit switched data calls originating from ISDN service equipped lines are transported using switched 56 kbps service at speeds up to and including 64 kbps. Switched 56 kbps service is a digital switched service that provided full duplex, synchronous information transport.

**8.3.3.2 Calling Area****A. Local Calling Area**

- 1.** Within Metropolitan Boston the local calling area includes the customer's home exchange and all Zone 1 and Zone 2 exchanges as specified in Section 6.
- 2.** In the 617/508 area, outside of Metropolitan Boston, the local calling area is specified in Section 6.
- 3.** In the 413 area, the local calling area for each exchange is specified in Section 6.
- B.** Calls to points within the customer's calling area to all Zone 1 and/or Zone 2 exchanges are timed and charged per minute and per message rates.
  - 1.** Calls outside of the calling area are billed at the appropriate rates.

**8.3.3.2 Network Call Usage**

- A. Timing of Message -** All network usage is timed and measured. Chargeable time begins when the connection is established between the calling party station and the called party. Chargeable time ends when the network connection is released.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.3.2 Network Call Usage (Cont'd)**

- B. Initial Period and Overtime Rates** - The initial period rates for telephone connections of one minute or any fraction thereof. Overtime rates are for each additional minute or any fraction thereof that the telephone connection continues beyond the initial period.
- C. Usage Time** - Except for residence usage outside of the calling area, accumulation of usage time is on a per minute basis with fractions of a minute rounded up to the next minute.. At the end of the customer's billing period when the total charges would result in fractions of a cent being billed, the total will be rounded to the nearest cent for billing purposes.
- D. For Calls Within the Calling Area 617/508 LATA** - Zone 2 rates apply only to customers in Metropolitan Boston where the local calling area has two zones. Only Zone 1 rates apply for calls within the calling area for all other exchanges in the 617/508 area.
- E. For Calls Within the Calling Area 413 LATA** - Per minute peak rates apply Monday through Friday 9AM to, but not including 9PM. Per minute off-peak rates apply Monday through Thursday from 9PM to, but not including 9AM and from 9PM Friday to, but not including 9AM Monday.
- F. For Calls Outside of the Calling Area 617/508 LATA** - Day, evening and night/weekend rate periods apply for residence and business rates as follows.
1. Day rates apply Mondays through Fridays from 8AM to, but not including 5PM.
  2. Evening rates apply Sundays through Fridays from 5PM to, but not including 11PM. On Christmas Day (December 55), New Years Day (January 1), Independence Day (July 4), Thanksgiving Day and Labor Day, or resulting legal Holidays; when Christmas, New Year's or Independence Day legal holidays fall on dates other than December 55, January 1, or July 4, respectively, the holiday rate is the off-peak rate.
  3. Night and weekend rates apply Sunday through Thursdays from 11PM to, but not including 8AM of the following day, and from 11PM Fridays to, but not including, 5PM Sundays.
- G. For Calls Outside of the Calling Area 413 LATA** - Peak/off-peak period rates apply for residence and business rates as follows.
1. Peak period rates apply Monday through Friday from 9AM to, but not including 9PM.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.3.2 Network Call Usage (Cont'd)**

2. Off-peak period rates apply Monday through Thursday from 9PM to, but not including 9AM and from 9PM Friday to, but not including, 9AM Monday. On Christmas Day (December 55), New Year's Day (January 1), Independence Day (July 4), Thanksgiving Day and Labor Day, or resulting legal Holidays; when Christmas, New Year's or Independence Day legal holidays fall on dates other than December 55, January 1, or July 4, respectively, the holiday rate is the off-peak rate.

**8.3.4 Packet Switched Data Transport****8.3.4.1 Description**

- A. Packet switched data calls originating from ISDN service equipped lines are transported using PSS packet switching service. PSS packet switching service provides synchronous transport data.

**8.3.4.2 Usage**

- A. Usage is comprised of call setup, packet transport, transaction, or per minute.
  1. Call setup initiates a request on a switched virtual circuit for the establishment of a virtual channel for the duration of the call. Call setup is billed on a per call basis.
  2. Packet transport provides for the routing of packets. Usage charges are based on the number of packets transmitted (either sent or received during the call). The minimum unit of billing is a kilopacket.
  3. Transaction is a billing arrangement with point of sale applications, where customers have a need to transfer small amounts of data many times a day (e.g., credit verifications). A transaction is defined as ten packets or fraction thereof. Usage charges for call setups, holding time, and kilopackets do not apply.
  4. Per minute is usage whereby the duration of each call is recorded in minutes and seconds, and rounded to the nearest minute at the end of the month. Call setups, holding time, and kilopackets do not apply to per minute billing.
- B. Usage charges may be billed to the originator or receiver of packets as arranged for on each call.
  1. Usage is aggregated per billing month.
  2. Usage rates are time of day sensitive. The day period is 8AM to 5PM. The evening period is 5PM to 11PM. The night period is 11PM to 8AM.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.3.4.2 Usage (Cont'd)**

3. When more than 2,500 billable kilopackets are transmitted in billing month, rates are discounted.
  - a. From 2,501 to 10,000 kilopackets aggregated usage rates are discounted 5%.
  - b. Over 10,000 kilopackets aggregated usage is discounted by 10%.

**8.3.4.3 Optional Features**

- A. **Call Detail** - Provides for printed detail of each call billed to the customer for packet switched data usage. This option is available on either a monthly basis or on a per request basis. Rates and charges for call detail on a per request basis are the same as for a monthly basis. The call detail nonrecurring charge is not applicable when a call detail is ordered in conjunction with the initial request for service.

**8.3.5 Enhanced ISDN PRI Hub Service****8.3.5.1 Description**

- A. Enhanced ISDN PRI hub service is a Company designated LATA-wide data network service which provides end user single number dial-up access to the customer data location. The service utilizes strategically located single number hub end offices to collect and route data traffic to predetermined points of interconnection from which the traffic is routed to the customer location over dedicated facilities.
- B. The service is provided as single number incoming-only trunks for analog or digital data-only traffic.
- C. Enhanced ISDN PRI hub service is offered only from suitably equipped central offices, subject to availability of facilities.



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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.4. Network Reconfiguration Service (NRS)****8.4.1 General**

Rates and charges for the services explained herein are contained in Section 20.

**8.4.1.1 Description**

- A.** NRS provides business customers by use of a network controller, with the ability to access manage and reconfigure specific digital private line services connected at a DCS.
- B.** The digital private lines which may be reconfigured are DDSII and, either entire circuit or individual channels of 1.544 Mbps service or FLEX service.
- C.** Reconfiguration is accomplished by the customer contacting the Company attendant who will access the network controller or the customer may directly access network controller by utilizing a dial up line, DDSII, DOV or a Private Line Series 3002 line or a voice grade termination from a customer provided terminal at the customer's premises. The terminal used must be compatible with the technical specifications contained in TR-TSY-000366. Once accessed, the network controller determines if the customer's instructions are valid and passes the appropriate commands to the DCS to effect the reconfiguration.
- D.** At the initial installation of NRS, a minimum of three network access ports must be ordered.
- E.** If the customer has an existing network and wants to order NRS, any existing digital circuits the customer has in place may have to be disconnected and connected to a central office serviced by a DCS. Service charges will apply to connect the digital circuit(s).

**8.4.1.2 Service Components**

- A.** The basic components of NRS are network access ports, network controller access and optional features.
  - 1.** **Network Access Ports** are entry/exit points on the DCS for termination of mid links and/or end links which are DDSII service and/or 1.544 Mbps service. Digital service may terminate at the DCS and there is a port specific to each. NRS requires a minimum of three access ports on the initial DCS. If the customer requires use of the DCS' in other locations, NRS requires a minimum or two ports at those other locations.
  - 2.** **Network Controller Access** provides for access to the centrally located network controller which provides the management and control function for NRS. The customer may select one or more of the following access arrangements.
    - a.** **Analog Private Line Termination** provides for access to the network controller by use of a analog Private Line Series 3002 channels.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.4.1.2 Service Components (Cont'd)**

- b. Attendant Termination** allows the customer to dial a ten-digit telephone number and request a Company attendant to perform reconfiguration.
- c. DDSII Termination** allows the customer to access the network controller using DDSII.
- d. Dial up Termination** allows the customer to access the network controller by utilizing a local exchange line.
- e. DOV Termination** allows the customer to access the network controller using DOV.
- f. Voice Grade Termination** allows the customer to access the network controller using Private Line Series 2000 channels.
- g. Automatic Reconfiguration** - The customer can elect to have a failed service automatically routed over an alternative route without the customer having to access the network controller in order to initiate the reconfiguration. This option allows for Dynamic Alternate Routing (DAR) which automatically reconfigures a failed service between two Company NRS hub locations on Pre-planned Automatic Routing (PAR) which automatically reconfigures service provided between a customer designated premises and a Company NRS hub. DAR and PAR occur based on alternate routing instructions previously provided by the customer. Automatic Reconfiguration is provided on all NRS network access ports under the customer's control, with the exception of NRS network access ports associated with multi-point arrangements which due to technical limitations will not be provided with the Automatic Reconfiguration optional feature. Automatic Reconfiguration is not available when the customer utilizes the attendant termination as its method to access the network controller.

**8.4.1.3 Limitations**

- A.** NRS is furnished on a full time basis 24 hours a day, seven days a week, except that customer initiated reconfiguration between 12AM and 5AM may be delayed while the Company performs necessary backup functions and/or software updates on the DCS.
- B.** NRS is provided only where facilities are available and is subject to the technical limitations of the digital equipment used by the Company.
- C.** NRS does not include the provision of transport services. Transport services consists of the two major components (i.e., and links and mid links).

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.4.1.3 Limitations (Cont'd)**

1. End links connect the customer premises to the DCS office and are either 1.544 Mbps service or DDSII.
  2. Mid links are interoffice channels of 1.544 Mbps service which interconnect with the DCS offices.
- D. Non-digital private line service such as Private Line Series 3002 do not have direct termination at the DCS.

**8.4.2 Application of Rates and Charges****8.4.2.1 General**

- A. **End Links and Mid Links** - The appropriate monthly rates and nonrecurring charges apply.
- B. **Service Charges** apply in addition to the recurring and nonrecurring charges for NRS.
- C. **Network Access Ports** - Monthly rates and nonrecurring charges apply to the network access ports on a per port basis.
- D. **Network Controller Access** - Except for attendant access, each of the following arrangements requires an access line for which the appropriate rates and charges apply.
1. **Dial Up Access** requires an exchange access line with appropriate rates and charges as specified elsewhere in this tariff.
  2. **Private Line Series 3002 Access** - Rates and nonrecurring charges apply as explained in Part B.
  3. **DDSII Two-Wire Access** - Monthly rates and nonrecurring charges apply as explained in Section 20.
  4. **DOV Access** - Rates and nonrecurring charges apply as explained in Section 20.
  5. **Voice Grade Termination** - Rates and nonrecurring charges apply as explained in Section 20.
- E. **Automatic Reconfiguration** - A one time service establishment charge applies to activate the optional feature. The charge applies once regardless of the number of NRS network access ports under the control of the customer.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.5 Digital Communications Service****8.5.1 High Capacity Service**

Rates and charges for services explained herein are contained in Section 20.

**8.5.1.1 General**

**Availability** - High Capacity service will no longer be available for new customers. High Capacity service is only available to existing customers for changes or rearrangements to existing systems.

- A. High Capacity Service (HC)** is an intra-exchange multifunctional digital service for business customers that provides voice and high-speed data services on an integrated basis over a single high-capacity T1 facility. The service requires channel bank equipment to be provided on the client's premises to terminate the Ta (DS1) facility. This customer premises equipment (CPE) is not a part of the regulated service, but must be compatible with the equipment in the serving Central Office of the customer.
- B. High Capacity Service** is offered in capacity increments of whole T1 lines, which can be used to transport analog voice-grade signals (POTS service) over channels of 64 Kbps and data signals over a bonded channel. At the customer's request, the Company will channelize the available bandwidth and will route voice-grade and high-speed data signals between the customer's premises and the customer's serving central office where (HC) will terminate in a suitably equipped digital hubbing arrangement.
- 1.** The voice grade channels will then terminate in a local switch to provide the customer with POTS type services.
  - 2.** The Company will, if necessary, further route the high-speed (bonded into a 256 kbps, 384 kbps, 512 kbps or 768 kbps channel) data signals within the same Local Access Transport Area (LATA) between the digital hubbing arrangement in the customer's serving central office and a second suitable digital hubbing arrangement in a distant central office. No additional interoffice mileage charges shall apply. At either the customer's serving central office or the distant Verizon central office, the bonded channel which is terminated in a digital hubbing arrangement can be electronically connected at the customer's direction to a compatible bonded channel designated by the customer and in turn transported to the location specified by the customer or its authorized representative.

**8.5.2 Enhanced High Capacity Service (Enhanced HC)****8.5.2.1 Definitions**

- A. DS0** describes transmission bandwidth 65 kilobits per second (Kbps).
- B. 64 Kbps** describes a clear channel digital data transmission utilizing the full bandwidth available on a DS0 channel.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.5.2.1 Definitions (Cont'd)**

- C. Grooming** - Enhances HC circuits may be groomed at a Hub to allow lower bandwidth channels to be grouped for higher bandwidth channels to be grouped for higher bandwidth applications.
- D. Serving Level Grooming** bonds contiguous channels to attain greater transmission speeds.
1. Service Level 4 - bonds four DS0 channels together to attain a 256 Kbps speed.
  2. Service Level 6 - bonds six DS0 channels together to attain a 384 Kbps speed.
  3. Service Level 8 - bonds eight DS0 channels together to attain a 512 Kbps speed.
  4. Service Level 12 - bonds twelve DS0 channels together to attain a 768 Kbps speed.
- E. Voice Grade Connectivity** are channels which connect to either intraoffice or interoffice channels to reach a channel termination of a remote customer location or facility of a designated customer representative.

**8.5.2.2 General**

- A.** Enhanced HC Service is an intraexchange multifunctional digital service for business customers that provides voice and high-speed data service on an integrated basis over a single high-capacity T1 facility. The service requires channel bank equipment on the customer's premises to terminate the T1 (DS1) facility. The customer premises equipment (CPE) is not part of the regulated service but must be compatible with the equipment in the serving central office of the customer.
- B.** Enhanced HC Service is offered in capacity increments of whole T1lines, which can be used to transport analog voice grade signals over DS0 channels (64 Kbps capacity). High-speed data signals are available over bonded channels. At the customer's request, the Company will channelize the available bandwidth and will route voice grade and high-speed data circuits between the customer's premises and the customer's serving central office. The DS1 facility will terminate in a suitably equipped digital arrangement.
- C.** The following types of network services are available on a channelized basis via Enhanced HC Service:
1. Analog Voice Service (local Exchange lines, PBX trunks, Digital Centrex Plus, voice grade private lines).
  2. Dedicated Access at speeds of 256 Kbps, 384 Kbps, 512 Kbps and 768 Kbps.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.5.2.2 General (Cont'd)**

- D.** The Company will, if necessary, further route private line or dedicated services within the same Local Access Transport Area (LATA) between the digital hubbing arrangement in the customer's serving central office and a suitable digital hubbing in a remote central office. At either the customer's serving central office or the remote central office, the private line or dedicated channels which are terminated in a digital hubbing arrangement can be electronically connected to compatible channels designated by the customer or authorized representative. Initial service activation is required for DS1 facility. Additional activity subsequent to the initial installation is required on a DS0 basis if capacity is available.
- E.** The voice lines are provisioned with measured business, or 1MB equivalent, on Touch-Tone lines. The customer may select either a HC Feature Package for any or all 1MB voice DS0s.
- F. Feature Packages** - Discounted billing arrangements are available for business customers who subscribe to one of the following HC feature packages for a minimum of one year.
- 1. Package No. 1** - Call Waiting, Call Forwarding, Ultra Forward and Caller ID.
  - 2. Package No. 2** - Call Waiting, Call Forwarding, Ultra Forward and Caller ID, and Three-Way Calling
  - 3. Package No. 3** - Call Forwarding, Ultra Forward and Caller ID, Three-Way Calling
  - 4. Package No. 4** - Call Waiting, Call Forwarding, Ultra Forward and Caller ID with Name.
  - 5. Package No. 5** - Call Forwarding, Ultra Forward and Caller ID with Name, and Three-Way Calling
  - 6. Package No. 6** - Call Waiting, Call Forwarding, Ultra Forward and Caller Waiting with Name and Number.
  - 7. Package No. 7** - Call Waiting, Call Forwarding, Three-Way Calling and Call Waiting with Name and Number.
  - 8. Package No. 8** - Call Waiting, Call Forwarding, Ultra Forward, Caller ID, and Three-Way Calling.
  - 9. Package No. 9** - Call Waiting, Call Forwarding, Ultra Forward, Three-Way Calling, and Caller ID with Name.
  - 10. Package No. 10** - Call Waiting, Call Forwarding, Forward and Call Waiting with Name and Number.
  - 11. Package No. 11** - Call Waiting, Call Forwarding, and Caller ID with

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.5.2.2 General (Cont'd)**

- 12. Package No. 12** - Call Waiting, Call Forwarding, Ultra Forward and Caller ID.
- 13. Package No. 13** - Call Waiting, Three-Way Calling and Call Waiting with Name and Number.
- 14. Package No. 14** - Call Waiting, Call Forwarding, Three-Way Calling and Caller ID with Name
- 15. Package No. 15** - Call Waiting, Call Forwarding, Three-Way Calling and Call Waiting with Name and Number.
- 16.** All features are subject to their individual service regulations specified elsewhere in this tariff.

- G.** In addition, Digital Centrex Plus Service standard features described in Section **X** of this tariff are available with Enhanced HC Service at the rates and charges specified in Section 20 of this tariff.

**8.5.2.3 Application of Rates and Charges**

- A.** The Enhanced HC monthly rate includes the monthly rate for the business basic exchange service line and/or the Centrex Plus line.
- B.** Compatible optional features or optional Centrex Plus features which are not included herein, are available at tariff rates specified within this tariff.

**8.6. Cyber DS1 Service****8.6.1 General****8.6.1.1 Description**

- A.** CyberDS1 Service provides network dial tone service between a customer's premises and the local serving office on a channelized basis (DS0) over a single high-capacity (DS1) digital facility that terminates on the trunk side of the switch in the local serving office. CyberDS1 is available for data dialed access use.
  - 1.** CyberDS1 is an inward dialed service only.
- B.** CyberDS1 is provided in capacity increments of 24 digital channels within a single DS1 (1.544 MBPS) signal.
- C.** CyberDS1 provides a trunkside DS1 connection with 24 channels. CyberDS1 does not provide the function of analog to digital (or vice versa) conversions, and no service types can be specified on the DS1.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.6.1.1 Description (Cont'd)**

- D.** CyberDS1 is comprised of a CyberDS1 Capacity component:
- 1.** The CyberDS1 Capacity will be at the rates and charges as specified in Section 20.
  - 2.** CyberDS1 customers will have to select capacity in increments of 24 digital channels.
- E.** Customers will be offered CyberDS1 on a month-to-month basis, a 12-, 24-, or 36-month term commitment or a term and volume plan (TVP).
- F. Digital Architecture**
- 1.** CyberDS1 differs in provisioning method and numbering format from end-to-end services. These services will be available from the Company on a link basis rather than as an end-to-end service. This architecture is intended to promote more efficient connectivity of analog and digital networks.
  - 2.** The time required to provision service is known as the service date interval. The service date interval for CyberDS1 and related network services connected to CyberDS1 will differ from the normal guidelines applicable to end-to-end services.
  - 3.** CyberDS1 will be available on a digital basis at the network interface on a customer's premises. Both the Company and the customer have joint responsibilities to ensure the proper transmission of the provided services. Normal analog channel network interface specifications will be superseded by the electrical specifications on the 1.544 Mbps (DS1) channel which is actually terminated. Each digital channel provided will have an identity only as a "times slot" within DS1 Channel. Compatible digital to analog conversion equipment must be provided by the customer to derive the desired analog services. Any Channel Services Units (CSUs) necessary for digital services are the responsibility of the customer.

**8.6.2 Regulations****8.6.2.1 Regulations**

- A.** CyberDS1 is furnished subject to the availability of facilities from digital central office equipment located in a central office building owned or leased by the Company. Clear Channel Capability (B8ZS) will be provided where available.
- B.** CyberDS1 service is an end-user terminating only service (receives inward dialed calls only), CyberDs1 subscribers do not have outward access to the network, since complete Toll Restrictions must be established.
- C.** CyberDS1 service is available within an exchange where appropriate digital facilities are available as determined by the Company. Service inquiries will be necessary to determine availability. Special Construction Charges as specified in Section 20 of this Tariff may be applicable.



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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.6.2.1 Regulations (Cont'd)**

- D.** CyberDS1 may be provided from the customer's normal central office, or from a foreign exchange or foreign central office, subject to the availability of facilities.
- E.** All CyberDS1 must be channelized in a single equipment location on a customer's premises. CyberDS1 cannot be split between premises, or multiple locations within a premises. Standard network interfaces, without Integrated Services Digital Network (ISDN) signaling and without any line type features, will be provided by the Company for analog and digital services consistent with existing practices.
- F.** **Transfer of Service** - At the sole discretion of the Company, written permission may be granted to assign the obligation to pay term commitment charges to another customer at the same location for a transfer of service charge and an Element 1 service charge, payable by the customer. In addition to assuming responsibility to pay the term commitment charges, the new customer assumes the conditions applicable to Centrex Plus at the time of the transfer. Transfer of service does not apply to CLEC's and the Term and Volume option.
- G.** Unless specified herein, rules and regulations contained elsewhere in this Tariff are also applicable to CyberDS1 Service.

**8.6.3 Application of Rates and Charges****8.6.3.1 Application of Rates and Charges**

- A.** **Nonrecurring Charge** - The CyberDS1 nonrecurring charge will be assessed for the initial establishment of service in lieu of the applicable Element 1 and Element 2 charges.
- B.** The CyberDS1 Capacity rate is applicable to each CyberDS1 channel.
- C.** The CyberDS1Capacity element provides for the network facility to the customer premises and the central office channelization.
- D.** CyberDS1 Service is available on a month-to-month basis or on a 12-, 24-, or 36- month term commitment or term and volume plan (TVP). Changes between service periods (i.e., month-to-month, term commitment plan, or TPV) will incur Element 2 Service Charge.
- E.** TVP customers may change the number of CyberDS1s during the term period. In the event customers under a TVP make subsequent CyberDS1 increases or decreases that cause the total number of CyberDS1 to fall within a different threshold level, all remaining CyberDS1s will be billed at the applicable level rate for the remainder of the term period. TVP customers may not change to a month-to-month or term commitment offering and must maintain the minimum threshold of six (6) CyberDS1s for the term period to avoid incurring termination liability charges.
- F.** A change from month-to-month, term commitment plan or term volume plan will incur a Element 2 Service Order Charge.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.6.3.1 Application of Rates and Charges (Cont'd)**

- G.** Customers on a term commitment plan may convert to a TVP without incurring termination liability charges provided the new TVP length is equal to or greater than the existing term commitment plan and the customer has less than 12 months remaining on their existing term commitment plan.
- H.** Where a customer chooses to have CyberDS1 primary provide on a foreign exchange central office basis, the rate for the 1.544 Mbps interoffice channel applies.
- I.** A CyberDS1 customer served from a foreign exchange or foreign central office may request to have service provided from the customer's normal central office when facilities become available in the normal central office without application of nonrecurring charges.
- J.** **CyberDS1 Credit** - For each increment of 24 digital channels, a credit equal to 100% of the applicable interstate Subscriber Line Charge will be applied to 22 of the 24 channels.

**8.7 Digital Automatic Call Distribution (ACD) from DMS 100****8.7.1 General****8.7.1.2 Description**

- A.** Basic to Digital ACD is a feature access position for either an agent, supervisor or combined agent/supervisor. Each feature access position requires customer provided electronic or non-electronic telephone sets. An electronic telephone set is a multi-button set and the buttons or keys allow for features from a non-electronic telephone set. Feature access positions may be equipped with electronic and/or non-electronic telephone sets within the same ACD systems and groups.
- B.** The feature access position also requires a basic feature package and a secondary directory number when the position is an agent position or an agent/supervisor position with an electronic set. The secondary directory number provides access to dial tone.
- C.** Digital ACS from DMS 100 requires a minimum of five features access positions and these must be configured into one or more ACD groups.
- D.** Digital ACD is offered only where suitable digital central office facilities are available.
- E.** Digital ACD is not provided on a foreign exchange basis. The customer premises must be served from the same central office as that from which the Digital ACD Service is provided.
- F.** Digital ACD from the DMS100 is available to business customers. Calls may terminate from the public switched network, Dedicated Toll Free Service (DTFS), 900 service foreign exchange, and direct T-1 terminations.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.7.1.3 Basic Feature Packages**

**A. Agent Basic Feature Package** provides the basic Digital ACD functionality for an agent as follows:

1. Abandon Call Clearing
2. ACD Calls to Electronic Sets
3. Add on Module Operations
4. Agent Login/Logout
5. Agent Not Ready
6. Agent Position Make Busy
7. Call Forcing of ACD Calls
8. Call Hold
9. Call Transfer
10. Group Overflow
11. Headset Operation
12. Incoming Call Overflow
13. Incoming Call Priority
14. Incoming Call Queuing (Equal to Number Agent Feature Access Positions)
15. Manual Answering of ACD Calls
16. Night Service
17. Ring Threshold (No Answer)
18. Station-to-Station Calling
19. Three-Way Calling
20. Toll and Code Restriction

**B. Supervisor Basic Feature Package** provides the basic Digital ACD Functionality for a supervisor as follows:

1. Add on Module Operations
2. Call Forwarding All Calls
3. Call Forwarding Busy
4. Call Hold
5. Call Pickup
6. Call Transfer
7. Call Waiting
8. Call Forwarding Don't Answer
9. Direct Inward Dialing
10. Direct Outward Dialing
11. Observe Agent
12. Station-to-Station Calling
13. Supervisor Control of Night Service
14. Three-Way Calling
15. Toll and Restriction

**C. Agent and Supervisor Basic Feature Package** provides both agent and supervisor basic Digital ACD functionality to allow a supervisor to log into the ACD system to answer ACD calls.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.7.1.3 Basic Feature Packages (Cont'd)**

**D. Agent and Supervisor Non-electronic Feature Package** provides the features for an agent and a supervisor as follows:

1. Abandon Call Clearing
2. Agent Log In/Log out
3. Agent Not Ready
4. Agent Position Make Busy
5. Automatic Call Back
6. Call Forwarding All Calls
7. Call Forwarding Busy
8. Call Forwarding Don't Answer
9. Call Hold
10. Call Pickup
11. Call Transfer
12. Call Waiting
13. Direct Inward Dialing
14. Direct Outward Dialing
15. Inside/Outside Ringing for ACD Calls
16. Group Overflow
17. Incoming Call Overflow
18. Incoming Call Priority
19. Incoming Call Queuing (Equal to Number of Features Access Positions)
20. Last Number Redial
21. Night Service
22. Observe Agent
23. Observe Agent Extended
24. Ring Threshold (No Answer)
25. Speed Dialing
26. Station-to-Station Calling
27. Three-Way Calling
28. Toll and Code Restriction

**E. Secondary Directory Number** - The customer must subscribe to a secondary directory number on each feature access position which as a basic agent feature package or basic agent/supervisor package requiring an electronic telephone set. A secondary directory number is not required on feature access positions that are equipped with supervisor basic package, and agent and supervisor non-electronic basic feature package. A customer may have more than one secondary directory number per feature access position. Secondary directory number provides the following features.

1. Automatic Call Back
2. Call Forwarding All Calls
3. Call Forwarding Busy
4. Call Forwarding Don't Answer
5. Call Pickup

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.7.1.3 Basic Feature Packages (Cont'd)**

6. Call Waiting
7. Direct Inward Dialing
8. Direct Outward Dialing
9. Last Number Redial
10. Station-to-Station
11. Toll and Code Restriction

**8.7.1.4 Optional Feature Packages**

Optional features provided by Digital ACD are considered Features of Digital Centrex I or Digital Centrex service and are subject to Facility Based Payment Option. A subscriber can add the following optional feature packages to the agent basic feature package, supervisor basic feature package or the agent and supervisor basic feature package.

**A. Agent Advanced Feature Package**

1. Advanced Queuing
2. Automatic Dial
3. Call Supervisor
4. Call Park by ACD Agent
5. Digital Coding of Agent Not Ready
6. Digital Coding of Agent Not Ready
7. Emergency Alert
8. Priority Transfer to Agent
9. Speed Dialing

**B. Agent Display Feature Display**

1. Call Source Identification
2. Called ACD Name Display
3. Called ACD Number Display
4. Date and Time Display
5. Intrasystem Name Display
6. Intrasystem Number Display
7. Multi-stage Queue Data Display
8. Redirected Call Reason Display

**C. Supervisor Advanced Feature Package** provides advanced Digital ACD functionality for a supervisor as follows:

1. Answer Agent
2. Answer Emergency Alert
3. Automatic Call Back
4. Automatic Dial
5. Call Agent
6. Controlled Overflow

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.7.1.4 Optional Feature Packages (Cont'd)**

7. Forced Agent Availability
8. Last Number Redial
9. Line Hunting
10. Observe Agent Extended
11. Speed Dialing

**D. Supervisor Display Feature Package**

1. Answer Summary Display
2. Date and Time Display
3. Intrasystem Name Display
4. Intrasystem Number
5. Multi-stage Queue Data Display
6. Redirected Call Reason Display

**E. Agent and Supervisor Advanced Feature Package** provides agent and supervisor functionality as specified above.

**F. Agent and Supervisor Display Feature Package** provides the functionality for an agent and supervisor as specified above.

**8.7.1.5 Other Optional Features**

**A.** Customers may arrange for the following to be added to Digital ACD on a system or ACD group basis.

1. Access to Customer Premises Announcement or Music
2. Access to Customer Premises emergency Recording Device
3. Additional ACD Secondary Directory Numbers
4. Agent Status Indication
5. Call Delay Announcement Pre-Recorded
6. MIS Analog Data Link
7. MIS Digital Data Link
8. Queue Slot in Excess of Number of Feature Access Positions
9. Queue Status Lamp Access Circuit

**8.7.1.6 Application of Rates and Charges**

**A. Outgoing Calls** made on feature access positions are billed the appropriate local usage charges for measured or unlimited business main telephone exchange service for each exchange, and the appropriate Message Telecommunication Service (MTS) rates. All feature access positions within a system are provided with the same class of service.

**B. Other Optional Features**

1. Rates and charges apply for access to customer premises announcement or music and access to customer premises emergency recording device features. In addition, rates for a Private Line Type 2001 circuit also apply.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.7.1.6 Application of Rates and Charges (Cont'd)**

2. Rates and charges apply for MIS analog data link feature. In addition, rates for a Private Line Type 3002 circuit also apply.
  3. Rates and charges apply for MIS digital data link feature. In addition, rates for DDSII also apply.
  4. Rates and charges for queue status lamp access circuit feature apply. In addition, rates for a Private Line Type 1001 circuit also apply.
- C. **Change Charges** - Features may be activated at the time each ACD feature access Position is installed or may be added or changed subsequently. When features are activated or changed by the Company at the customer's request subsequent to the installation of the feature access position line, nonrecurring charges apply.
- D. **Service Charges** - In addition to the rates and charges for service, Element 1 service charge applies as appropriate.

**8.8. Digital Path Service (DPS)****8.8.1 General****8.8.1.3 Description**

- A. DPS is a service for the transmission of digital signals using only digital transmission facilities. DPS provides transmission paths in the digital city serving areas of Boston, Worcester, and Springfield.
1. DPS provides for the simultaneous two-way transmission (duplex operation) of digital signals at synchronous speeds of 2.4, 4.8, 9.6, or 56 kilobits per second (kbps) within a Local Access and Transport Area (LATA) and between stations within or between digital city serving areas.
  2. DPS as furnished under this tariff is available where facilities permit and only to stations located in specific geographic areas in the digital city serving areas.
  3. Two point channels are required for digital transmission between digital city serving areas.
- B. **Service Options**
1. **Two Station Service** - This offering may consist of digital access lines furnished in the same digital city serving area for service between two stations, or, one two-point channel furnished between digital cities for service where one station is located in the serving area of each such city and connected to the channel by means of a digital access line.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.8.1.3 Description (Cont'd)**

- 2. Multi-Station Service** - This offering may consist of the following lines or channels:
  - a.** Digital access lines furnished in the same digital city serving area for service among three or more stations.
  - b.** One two point channel furnished between digital cities for service where more than one station is located in the serving area of one or both such cities and each station is connected to the channel by means of a digital access line, or
  - c.** Two or more two point channels furnished between digital cities for service where one or more stations are located in the serving area of each such city and each station is connected to the channel by means of a digital access line.
- C. Furnishing of Service** - The furnishing of service under this tariff requires certain physical arrangements of equipment and facilities of the Company. Therefore, the furnishing of DDS is subject to the availability of equipment, facilities and technical limitations. DDS is furnished only within a LATA.
  - 1.** The service is furnished for duplex operation on a 24 hour per day, seven day per week basis.

**8.8.1.4 Service Components**

- A. Digital Access Lines** - Stations which are normally served by means of baseband transmission from the principal Company central office require a Type 1 digital access line. Stations outside the serving range of baseband transmission from the principal Company central office require a Type 2 digital access line. The types of digital access lines offered for transmission in the digital city serving area are as follows.
  - 1. Type 1** - Digital access lines furnished for digital transmission at synchronous speeds of 2.4, 4.8, 9.6 or 56 kbps to serve station normally by means of baseband transmission from the principal Company central office.
  - 2. Type 2** - Digital access lines furnished for digital transmission at synchronous speeds of 2.4, 4.8, 9.6 or 56 kbps to serve stations outside the normal serving range of baseband transmission from the principal Company central office.
- B. Data Service Unit** - This unit is required at a customer's or authorized user's premises to perform such functions as proper coding and decoding of signals, timing recovery, synchronous sampling, formatting, and generation and recognition of control signals.



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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.8.1.4 Service Components (Cont'd)**

- C. Channel Service Unit** functionality equipment is required for each digital access line at a customer's or authorized user's premises to perform the following functions.
  - 1. Proper termination of DDS
  - 2. Regeneration of signals
  - 3. Recognition and correction of signal format errors
  - 4. Remote loop back
- D. Channels Between Digital City Serving Areas** - The types of channels offered for transmission between digital city serving area are as follows.
  - 1. Channels furnished for digital transmission at synchronous speeds of 2.4, 4.8, 9.6 or 56 kbps.

**8.8.2 Application of Rates and Charges**

- A. Digital Access Line** - Rates and charges apply for each Type 1 and Type 2 digital access line terminated at stations in the digital city serving area.
  - 1. Determination of Mileage** - Where Type 2 digital access lines are provided, the digital access line mileage is based on the airline distance using V and H coordinates between the digital city rate center and the Company central offices serving station users.
    - a.** The mileage for channels furnished between digital cities is based on the airline distance between the digital city rate centers.
    - b.** Where a multi-station service consists of two or more two point channels furnished between digital cities the mileage is that combination of the airline distance connecting the digital city rate centers which will produce the lowest channel mileage.
- B.** The rates and charges for channels between digital cities apply for each two point channel furnished between digital city rate centers.
- C. Multi-Station Arrangement** - Such an arrangement is required for each station on a service arranged for multi-station operation.

**8.9. 1.544 Mbps Digital Service (1.544 Digital Service)**

Rates and charges for services explained herein are contained in Section 20.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.9.1 General****8.9.1.1 Description**

- A.** 1.544 Digital Services is provided on a two point basis only between the following locations:
- 1.** Customer designated premises.
  - 2.** A customer designated premises and a Company designated central office.
  - 3.** Company designated central offices.
- B.** 1.544 Digital Service is provided only where facilities are available and is subject to the technical limitations of the digital equipment used by the Company as set forth in the PUB 62411 and TR-NPL-000054.
- C.** 1.544 Digital Service consists of tow point digital channels and equipment which provide for simultaneous two-way transmission of serial, bipolar, return to zero, digital signals at a transmission speed of 1.544 Mpbs.
- D.** 1.544 Digital Service is designed to provide an average performance of at least 98.75% error-free seconds of transmission measured over a continuous 24 hour period.
- E.** 1.544 Digital Service is furnished on a full-time basis, 24 hour a day, seven days a week.
- F.** **Central Office (CO) Multiplexing** may be provided from suitably equipped multiplexing hubs. The customer is responsible for the assignment of individual channels within the multiplexer and for maintaining records of those assignments. Customer provided multiplexing equipment must conform with the electrical requirements for channel units specified in PUB 43801 and CB 119.
- 1.** The 1.544 Mbps channel is provided with a local distribution channel(s) and an interoffice channel, local distribution channels only, or, an interoffice channel between two Company designated central offices.
  - 2.** The central office multiplexing capability is provided by a central office multiplexer at designated multiplexing hubs which converts a 1.544 Mbps channel to 24 channels for use with voice grade services and/or analog data services or to 24 channels for use with digital service.

**8.9.1.2 Service Functions**

Service functions are optional features or arrangements that are available for use with 1.544 Mbps Digital Service.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.9.1.2 Service Functions (Cont'd)**

- A. Central Office Multiplexing DS1 to Voice** allows for up to 24 individual voice grade or analog data private lines on a channelized basis for use with a 1.544 Mbps circuit. This function is offered for the same customer at multiplexing hubs. The voice grade private lines provided are as follows:
1. Private line analog data.
  2. Private Branch Exchange (PBX).
  3. Station Off-Premises (SOPs).
  4. PBX tie lines.
  5. Centrex tie lines.
  6. SOPs and foreign exchange.
- B. Central Office Multiplexing DS1 to Digital** allows for up to 24 hours individual digital private lines to be derived from 1.544 Mbps circuit. This function is offered for the same customer at multiplexing hubs.
- C. Clear Channel Capability (CCC)** provides a bipolar with eight zero substitution (B8ZS) encoding technique that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps Digital Service circuit with no constraint on the quality or sequence of ones (mark and zero (space) bits. This arrangement allows customers to derive 64 kbps clear channels. This service is provided only on 1.544 Mbps Digital Service between two customer designated premises and is subject to the availability of facilities. This arrangement requires that customer provided multiplexing equipment to be compatible with the B8ZS line code as specified in TR-NPL-00054 and PUB 62508.
- D. Alternate Serving Wire Center** provides 1.544 Mbps Digital Service over an alternate route to a suitable equipped serving wire center other than that normally serving the customer's designated premises. This option is not available at all locations and where available, the Company will designate the service wire center to be used.
1. The mileage used to determine the monthly rate for distance sensitive local distribution channels required with this option is based on the airline distance directly between the customer's designated premises and the normal service wire center for that premises as described in Section 2. The mileage used to determine the monthly rate for interoffice channel mileage is based on the normal serving wire center associated with the customer's designated premises as described in Section 2.

**8.9.2 Regulations****8.9.2.1 Minimum Period**

- A.** The minimum service period is three months

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.9.2.2 Applications of Rates and Charges**

- A. Service Charges** apply as appropriate, in addition to the nonrecurring charges for service.
- B. Interoffice Channels** - For basic service interoffice channels when the interoffice channel is installed without an associated local distribution channel, the nonrecurring charge applies, per interoffice channel.
- C. Optional Features**
- 1.** For central office multiplexing DS1 to Voice, rates and charges for voice grade connections from the central office multiplexer for Private Line Types 2001A, and 2001B include signaling arrangements. Rates and charges for conditioning for Private Line Series 3000 analog data voice grade connections are explained in Part B, Section 2.
  - 2.** Rates and charges for voice grade connections from the central office multiplexer to a customer premises or a foreign exchange service in a different serving central office are provided as Private Line Series 2000 and 3000 channels.
  - 3.** For central office multiplexing DS1 to Digital, rates and charges apply for digital private line connections from the central office multiplexer to a customer premises.
  - 4.** Central office multiplexing non-OPP monthly rates are only available to existing customers at their present location in the same or lesser quantities and area and are no longer available to customers ordering central office multiplexing after August 15, 1997.
- D.** The local loop component 1.544 Mbps Digital Service may be purchased under the terms and conditions on Integrated Access Service as described in Part C, Section 6 of this tariff. In such cases, Integrated Access Service local loop transport will be provided in lieu of 1.544 Mbps digital Service Local Distribution Channel, and may be connected to a 1.544 Mbps Digital Service LDC, a 1.544 Mbps Digital Service Interoffice Channel, other IAS local loop transport, or other services as required, to provide a complete service. The monthly rates and charges for a 1.544 Mbps Digital Service LDC will apply.
- E.** When a customer selects the Integrated Access Service Transport Package 1, 2, or 12 service delivery option, as specified in Part C, Section 6 of this tariff, the rates and charges for the Integrated Access Service Transport Package 1, 3, or 12 Local Distribution Channel will apply in lieu of the rates and charges for the 1.544 Mbps Digital Service LDC.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.10. Packet Switching Service (PSS)****8.10.1 General**

Rates and charges for services explained herein are contained in Section 20.

**8.10.1.1 Description**

- A.** PSS provides synchronous and asynchronous network transport of data through the network which usually involves relatively short bursts of data. The data are separated into discrete segments called packets for high speed transmission through the network. All packets are interleaved (statistically multiplexed) on the facilities as they are transmitted. These packets may contain up to 256 characters of data.
  - 1.** Asynchronous transmission is a form of communications whereby each data character is individually synchronized by means of start and stop elements. Asynchronous service supports start stop mode operations with ASCII codes at speeds up to 9.6 kbps. With asynchronous access, the access concentrator will perform a built in Packet Assembler/Disassembler (PAD) function to convert the data into packets utilizing a common protocol (X.25) and route them through the network to the specified destination.
- B.** Routing and control information (packet header) is automatically inserted at the beginning of each packet, and error detection information (packet trailer) is automatically inserted at the end of each packet. Complete with this information, the entire packet is routed through the network to its intended destination.
  - 1.** Error checking is performed on each packet as it is transmitted through the network. If a packet and/or format error is detected, the sending equipment is automatically instructed to retransmit the message. A message may consist of a single packet or multiple packets.
- C.** The major components of the packet network are Access Concentrators (AC) which perform the interfacing and concentration functions (statistical multiplexing), the packet switch which performs switching, routing and interfacing functions, and, the network facilities.
- D.** PSS will be furnished only when the customer has subscribed to an adequate number of port connections or logical channels as established by the Company to accommodate the service requested, (i.e., originating, terminating or two-way calling) without impairing the network.
- E.** PSS is provided where suitable facilities are available.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.10.1.2 Service Options**

- A.** Various options permit customer flexibility in specifying how they operate on the network. These options are Switched Virtual Circuit service and Permanent Virtual Circuit service. In addition, optional features are available which expand customer capabilities on the PSS service network. Switched and permanent virtual circuits may be designated as one-way incoming, one-way outgoing, or two-way.
- 1.** Additional restrictions may be placed on the circuits to allow DTE to place calls only to predesignated DTE or to receive calls only from predesignated DTE or to restrict both the origination and termination of calls.
- a.** **Switched Virtual Circuit (SVC)** service is a standard PSS service and utilizes a temporary switched data connection which permits an end user to establish a call to another point on the network.
- b.** **Permanent Virtual Circuit (PVC)** service is an optional type of PSS service. It provides the customer with the electronic equivalent of a private line between two points. At the time of subscription to this form of service, a virtual circuit is established between two specific customer locations which are connected to the network. While no physical circuits are dedicated the two locations are electronically connected together.
- B.** **Closed User Groups** - The customer has the option of establishing Closer User Groups which permit the customer to arrange a subnetwork within the public packet switching network. This option provides for communications only between predesignated terminals on the network.
- C.** The packet switching network may be accessed through either an access concentrator or a packet switch. Customers with low to medium throughput transmission requirements will access the packet switching network through the access concentrator at data rates of up to 9.6 kbps. Customers with high throughput transmission requirements will access the packet switching network through the packet switch at data rates of 9.6 of 56 kbps.

**8.10.1.3 Service Components - Synchronous**

- A.** The service components which apply to synchronous PSS are port connections, network usage, and optional features.
- 1.** **Port Connections** - Each port connection comes with one logical channel. The two types of port connections are access concentrator port connections, and packet switch port connections.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.10.1.3 Service Components – Synchronous (Cont'd)**

- a. Access Concentrator Port Connection (Low to Medium Throughput)** provides the customer with dedicated access to a port on the access concentrator at transmission speeds of up to 9.6 kbps using Digital service II, DOV or Type 3002 private line channels. This type of connection has both originating and terminating capabilities using X.25 protocol. The X.25 protocol provides the capability of establishing multiple virtual communication links from the customer's premises through the packet switching network. The maximum number of logical channels available is 32 per port.
  - b. Packet Switch Port Connection (High Throughput)** is available through Private Line Type 3002, DDS, or DDSII channels, to provide a direct connection between a customer's premises and a port on the packet switch. This arrangement supports transmission speeds of 9.6 or 56 kbps. The packet switch port connection has the capability of establishing multiple communication links from the customer's premises through the packet switching network and is available with either X.25 or X.75 protocol. The X.25 and X.75 protocols provide the capability of establishing multiple virtual communication links from the customer's premises through the packet switching network. The maximum number of logical channels available is 127 per port at 9.6 kbps and 511 channels per port at 56 kbps.
- 2. Network Usage** on the packet switching network is comprised of call set-up, packet transport, transaction, or per minute. Usage charges may be billed to the originator or received of packets, as arranged for on each call. Packet switching network usage is aggregated per billing month. When more than 2,500 kilopackets are transmitted in a billing month, rates are discounted. Call detail is provided as a chargeable option feature.
  - a. Call Setup** initiates a request on a switched virtual circuit for the establishment of a virtual channel for the duration of the call.
  - b. Packet Transport** provides for the routing of packets over the packet switching network. Usage charges are based on the number packet transmitted (either sent or received while the call is on the PSS service network). The minimum unit of billing is a kilopacket.
  - c. Transaction** - A billing arrangement with point of sale applications, where customers have a need to transfer small amounts of data many times a day, (e.g., credit verifications). A transaction is defined as ten packets or fraction thereof.
  - d. Per Minute**- The duration of each call is recorded in minutes and seconds and rounded to the nearest minute at the end of the month.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.10.1.3 Service Components – Synchronous (Cont'd)**

3. **Optional Features** provides the customer with additional capabilities for interaction with the PSS service packet switching network and should be selected by the customer at the time of subscription.
  - a. **Abbreviated Addressing** allows the customer to specify an alphanumeric code of up to 16 characters that can be used in place of a data telephone number for easier end user access.
  - b. **Additional Logical Channel** allows the customer to simultaneously operate multiple channels on a single port.
  - c. **Call Detail** - Provides for magnetic tape or printed detail of each call billed to the customer for use of the PSS service packet switching network. This option is available on either a continuous monthly basis or on a per request basis.
  - d. **Call Rerouting** - is a data call forwarding capability that allows the customer to predefine one alternate destination to which calls will be rerouted in the event of a failure or busy condition at the primary destination.
  - e. **Closer User Group** allows the customer to establish a subnetwork among a restricted number of other users within the PSS service packet switching network who can communicate privately with each other , Members of the closed user group may be designated as having incoming, outgoing, or restricted access.
  - f. **Multiple Network Address** allows a customer to subscribe to additional data terminal numbers in groups of ten. These numbers can be used with existing packet network connections and allow messages to be delivered to the customer's pre-specified destinations.
  - g. **Permanent Virtual Circuit** is a circuit which is the electronic equivalent of a dedicated private line between two destination network addresses.

**8.10.1.4 Service Components - Asynchronous**

- A. The service components which apply to asynchronous PSS are access concentrator port connections, network usage, and optional features.
  1. **Access Concentrator Port Connections** include public dial in access, private dial in access, private dial out access and dedicated access.



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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.10.1.4 Service Components - Asynchronous**

- a. Public Dial In Access** for originating calls only, is initiated by dialing a PSS packet switching service network number via an exchange line. Applicable local usage and toll charges apply for each completed call to the PSS packet switching service network access number. Public dial in access supports asynchronous protocol and transmission speeds of up to 9.6 kbps. A Network User Identification (NUI) code may be required for log-on to the network.
  - b. Private Dial In Access** is the same as the public dial in access port connection except that it is dedicated to one customer and supports transmission speeds of 9.6 kbps. Private dial in access is initiated via a line which connects the end user to the central office circuit switch; the line may be any type which has a dial up network exchange capability. A separate business line with dial up network exchange capability, excluding Centrex and Feature Group A (GA), is required to provide the customer who subscribes to the private dial in port with a connection from the central office circuit switch to the access concentrator. The customer who subscribes to the private dial in port will be billed for the additional line.
  - c. Private Dial Out Access** enables a customer who already has access into PSS, to place call out of an access concentrator to a destination on the circuit switched network. This port connection is dedicated to one customer and supports transmission speeds up to 2.4 kbps. A separate business line, as specified for the private dial in port connections is required to connect the central office circuit switch to the access concentrator. The customer is responsible for all appropriate charges that apply to the exchange line as well as for charges that apply to the outgoing call.
  - d. Dedicated Access Port Connection** provides dedicated access from a customer's premises to a port on the access concentrator at transmission speeds of up to 9.6 kbps using Private Line Type 3002 channels for intraexchange and interexchange channels.
- 2. Network Usage** for asynchronous service is the same as for synchronous service.
  - a. Network User Interface (NUI) Code** is an alphanumeric code which identifies the user to the PSS network.
  - b. Autoconnect** - A subscriber may specify a frequently called address whose connection would be automatically made when a specific NUI is entered. The Information Provider (IP) may request to auto connect type NUI to provide to their subscribers or the end user NUI is prearranged to activate the autoconnect feature.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.10.1.4 Service Components – Asynchronous (Cont'd)**

- c. **Closed User Group**
- d. **Permanent Virtual Clock**
- e. **Call Detail**
- f. **Call Rerouting**

**8.10.2 Regulations****8.10.2.1 Application of Rates and Charges****A. PSS Packet Switching - Synchronous**

- 1. **Central Office Interface** - Rates and charges apply for each interface
  - a. For interface option changes, service charges apply.
- 2. **Packet Switch Port Connections - High Throughput** - Rates and charges included central office equipment at the packet switch and appropriate interface arrangements.
  - a. Rates and charges for Private Line Type 3002 channels and DDS, DDSII, or DOV, apply as appropriate for each channel connected to a packet switch.
- 3. **Access Concentrator Port Connections - Low to Medium Throughput** - Rates and charges include central office equipment at the access concentrator. In addition, the service requires a Private Line type 3002 channel or a point of serving wire center arrangement (i.e., DOV or DDSII), as appropriate and a central office interface.
  - a. Rates and charges for Private Line Type 3002 channels and for DDS, DDSII or DOV, apply as appropriate for each channel Connected to an access concentrator.

**B. PSS Packet Switching-Asynchronous**

- 1. **Access Concentrator Port Connection** - Rates and charges are dependent upon the type of port connection access selected by the customer.
  - a. In addition, the service requires a Private Line Type 3002 channel from the customer's location to the access concentrator and a central office interface.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.10.2.1 Application of Rates and Charges (Cont'd)**

- C. Network Usage** - Charges for synchronous and asynchronous service are based on calls originated to the network addresses in the serving area. A charge applies for packets transmitted during virtual connection. Packets are accumulated and billed on a monthly basis. Transaction rates are billed per transaction, up to ten packets. Under transaction, holding time, and kilopackets do not apply. With Asynchronous service an additional service usage charge applies when access to the PSS service network via public dial.
- 1.** Packet transport data packet rates are time of day sensitive. The time of day periods are as follows:
- a.** Day - 8AM-5PM
- b.** Evening - 5PM-11PM
- c.** Night - 11PM-8AM
- D. Optional Features** - When installed subsequent to initial PSS service, optional features are subject to nonrecurring charges. When optional features are requested subsequent to the initial PSS service order, one or more optional features per port may be included, per service order, for the one nonrecurring charge. A nonrecurring charge is not applicable when optional features are ordered in conjunction with the initial PSS service.
- 1.** Call Detail may also be provided on a per request basis at the same rate as the monthly rate.
- E. Software Changes** - When software changes are requested subsequent to the initial PSS service order, one or more software changes per port may be included, per service order for the one nonrecurring charge. A nonrecurring charge is not applicable when software changes are ordered in conjunction with the initial PSS service.
- F. Service Charges** apply as appropriate, and are in addition to the rates and charges for services specified herein.
- G. Move and Change** - Service charges apply.
- H.** The Feature based Payment Option (FPO) is an optional method of payment for customers who commit to a minimum or equivalent of 2,500 kilopackets of usage per month.

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**SECTION 8 – DIGITAL SERVICES (Cont'd)****8.11 Fractional T-1 Digital Service****8.11.1 Description**

- A.** Fractional T-1 is a digital private line that has the capacity of eight or twelve two point digital channels and consists of equipment which provide for simultaneous two-way transmission of serial, bipolar, return to zero, digital signals at a transmission rate of 56 kbps per channel. The foundation of this service is 1.544 Mbps technology (DS1) that is restricted in the network to the eight or twelve channel level. These channels will remain separately formatted with the DS1 signal.
- B.** Fractional T-1 is provided on a two point basis only between customer designated premises or between customer designated premises and a serving wire center for connection to other Company provided services. The Fractional T-1 channel is provided with local distribution channel(s) and an interoffice channel or local distribution channel only.
- C.** Fractional T-1 is provided only where facilities are available and is subject to the technical limitations of the digital equipment used by the Company.
- D.** Fractional T-1 is furnished on a full time basis 24 hours a day, seven days a week. It is designed to provide an average performance of at least 95% error free seconds of transmission measured over a continuous 24 hour period.

**8.11.2 Application of Rates and Charges**

- A.** Service charges apply as appropriate and are in addition to the nonrecurring charges for service.
- B.** The monthly rates for local distribution channels and interoffice channels consist of fixed and mileage sensitive rates.
- C.** The customer may change from on Fractional T-1 arrangement to another (e.g., the customer has an eight channel arrangement and increases to a twelve channel arrangement, or has a twelve channel arrangement and decreases to eight channels), a service rearrangement charge is billed for these changes.

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**SECTION 9 – PRIVATE LINE SERVICES****9.1 Private Line Service - General****9.1.1 Description****9.1.1.1 General**

- A.** Private line service is that of furnishing facilities for communications between specified locations.
- B.** Private line service is classified by Series and further classified within each Series by Types. Series and their types are described in terms of characteristics and use.
- C.** The private line services furnished are provided over routes elected by the Company. When the customer requests special channel routing or sequence of connection, the mileages are based upon the conditions involved.
- D.** A private line may be used for different types of transmission simultaneously in accordance with the normal transmission characteristics of such private line, subject to the following:
  - 1.** When used for remote operation of a mobile radio-telephone system, it may be used simultaneously for voice communication and to transmit more than one tone in sequence or simultaneously for control purposes.
  - 2.** When used for control, metering or signaling purposes, it may be used to transmit more than one tone in sequence or simultaneously for control purposes.
- E.** Additional channels may be created from a channel provided for private line services as follows:
  - 1.** Customers, authorized users, or joint users, by use of their own equipment, and in accordance with the normal transmission characteristics of the private line, may create additional channels from channels furnished by the Company if the channels created are used for remote operation of mobile systems, or for remote metering, supervisory control, or signaling purposes.
  - 2.** Customers, authorized users, or joint users by use of their own equipment, and in accordance with the normal transmission characteristics of the grade of channel ordered, may create additional channels for any type of communications, except as specified in Item 1, by subdividing a channel of a Type number lower than 5500 or a Type 10001. However, such channels may not be created from a voice grade private line used for telephoto or facsimile transmission. The use of channel derivation devices to create additional channels from channels furnished by the Company is subject to the regulations regarding connection of customer premises equipment.
- A.** The minimum service period for private line service, except for Series 6000 channels, is one month. However, a longer contract period may be required when unusual costs are involved to furnish service.

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**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.1.1.1 General (Cont'd)**

- a. The Company makes no representation as to the suitability of the channels provided by it for subdivision into additional channels by the customer.

**9.1.2 Regulations****9.1.2.1 Minimum Periods****9.1.3 Application of Rates and Charges****9.1.3.1 Change in Service Arrangement**

- A. When a change in service arrangement involves continued use of facilities furnished by the Company, nonrecurring charges do not apply to the facilities continued in use. The minimum service period for the facilities continued in use is determined from the date of initial installation.

**9.1.3.2 Temporary Surrender of Service**

- A. When, at the request of the Company, service is temporarily surrendered by the customer, credit is provided at the proportionate monthly contract charge in half hour multiples for each half hour or major fraction thereof for the period the service is surrendered. For the purpose of determining the amount of credit every month is considered to have 30 days.

**9.1.3.3 Suspension of Service**

- A. Upon request of the customer, private line service and associated equipment, except Series 5000 channels, that can be made inoperative without affecting other associated services of an installation may be suspended after the initial month of service subject to the following.
  - 1. The monthly rate applies if the suspension period is 15 days or fewer.
  - 2. The reduction of rate on account of the suspension of service applies during a total of not more than nine months during any one calendar year.
  - 3. More than one period of suspension may be permitted in any one calendar year provided at least one month's full charge is paid for service furnished between periods of suspension.
  - 4. The monthly rate during the period of suspension is 50% of the monthly rate for the service suspended. A minimum charge equal to 50% of the monthly rate applies to periods of suspension of less than 30 days. The combined charge for one month for both suspension of service and regular service cannot exceed the monthly rate for service if the service were not suspended.

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**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.1.3.4 Regular Working Hours**

- A. Rates and charges reflect that work will be performed during regular working hours and that work once begun will not be interrupted by the customer, authorized user, joint user, sharer or patron of resellers requests work to be performed outside of regular working hours (either to meet their convenience or because the time allowed is insufficient to permit completion during regular working hours), or if the customer, authorized user, joint user, sharer or patron of resellers interrupts work that has begun, the customer may be required to pay any addition costs incurred.

**9.1.3.5 Mileage Measurements**

- A. Intraexchange Mileage - Measurements are determined as set forth in Section 2 for the appropriate Series and Type channel involved.
- B. Interexchange Mileage - For the purpose of determining rate distances, a V&H coordinate system is used. The V&H system consists of a series of coordinates which represents a theoretical grid of vertical and horizontal lines covering the area within a Local Access and Transport Area (LATA) in the Commonwealth of Massachusetts. The location of a rate center expressed in latitude and longitude is converted mathematically to its grid location, that is Vertical V and Horizontal H coordinates. These coordinates permit calculation of the rate mileage distance between any two rate centers.
1. **Two Point Service** - The interexchange mileage is the airline distance per mile between rate centers of the service points (exchanges at which connection is made with local channels).
    - a. **Series 6000 Channels** - The interexchange mileage is the airline distance (fractional miles being considered as full miles) between rate centers of the service points (exchanges at which connection is made with local channels) mathematically determined in accordance with V&H coordinate system of calculation of the distance between rate centers.
  2. **Multi-Point Service** - The interexchange mileage for multi-point service is that combination of airline distances connecting service points which will produce the lowest total interexchange mileage charge. The airline distance between each pair of points is determined in accordance with Section 3.
    - a. **Series 6000 Channels** - The interexchange mileage for Series 6000 multi-point service is that combination of airline distances connecting service points which will produce the lowest total interexchange mileage charge. The airline distance between each pair of points is determined in accordance with Section 3 for Series 6000 channels. As an exception, when the customer requests that the service points be connected in a specified sequence, the interexchange mileage is the shortest airline mileage determined in accordance with the Section 3 for series 6000 channels which will connect the service points in the specific sequence.

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**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.1.3.5 Mileage Measurements (Cont'd)**

- C. Local Channels Schedule F** - The local channel mileage is the airline distance in quarter miles (fractional quarter miles being considered as full quarter miles) Measured directly on a standard map between the following locations.
1. Two stations.
  2. The studio and first distributing center or point of connection with an interexchange channel.
  3. Between distributing centers, using the shortest airline distance connecting all distributing centers.
  4. A distributing center and each station served there from.

**9.2. Private Line Services****9.2.1 Series 1000 Channels**

Rates and charges for services explained herein are contained in Section 20.

**9.2.1.1 Description**

- A.** Series 1000 channels are furnished for half duplex operation on a two point or multi-point basis for duplex operation on a two point basis or any two point portion of a multi-point channel.
- B. Special Signaling** - Two-wire metallic or other effectively equivalent unconditioned channels are furnished for use with Company provided service arrangements or with customer provided signaling equipment in accordance with Company technical reference specifications. These channels are furnished for remote metering, supervisory control or miscellaneous signaling arrangements. Metallic interoffice facilities and metallic interexchange facilities for these services are in continually decreasing supply and are furnished subject to availability. Construction of facilities expressly for these services is not contemplated.
1. **Type 1001** - Point or three point service for direct current transmission (DC metallic continuity) on an intraexchange basis only. No additional terminations are provided within a building or to another building on the same premises. [No longer available. Service arrangements for additional terminations with a building or to another building on the same premises installed before December 31, 1986 are furnished to existing customers at present locations only in the same or lesser quantities.]



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**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.2.1.1 Description (Cont'd)**

2. **Type 1002** - These channels are furnished on an intraexchange or interexchange basis. They are furnished to accommodate a minimum of four intraexchange points or two interexchange points up to a maximum of 26 points and to include not more than three central office buildings for low speed and unidirectional signaling. [Service arrangements installed on or before March 21, 1983, with points in excess of those specified above are furnished to existing customers at present locations only in the same or lesser quantities.]

- a. No additional terminations are provided within a building or to another building on the same premises. These channels are furnished as metallic facilities or other equivalent means at the Company's option. When metallic facilities are not available, the Company will provide this service via a low speed signaling system. [No longer available. Service arrangements for additional terminations within a building or to another building on the same premises installed before December 31, 1986 are furnished to existing customers at present locations only in the same or lesser quantities.]

- C. **Sub Voice** - two point or multi-point channels suitable for transmission up to 75 bauds or 150 bauds are furnished for use with terminal equipment as specified below. These channels are provided for use with data and teletypewriter equipment.

1. **Type 1005** - Up to 75 baud operation. No additional terminations are provided within a building or to another building on the same premises. [No longer available. Service arrangement for additional terminations within a building or to another building on the same premises installed before December 31, 1986 are furnished to existing customers at present locations only in the same or lesser quantities.]
2. **Type 1006** - Up to 150 baud operation. No additional terminations are provided within a building or to another building on the same premises. [Service arrangements installed on or before March 21, 1983, with additional terminations in excess of those specified above may be continued for existing customers at present locations.]

**9.2.1.2 Application of Rates and Charges**

- A. **Service Charges** apply as appropriate and are in additions to the applicable nonrecurring charges for Series 1000 channels.
- B. **Moves** - Service charges apply as appropriate.
- C. **Switching Arrangements** - Charges will be based on cost.

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**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.2.2.1 Description**

- A.** Series 2000 channels are furnished for half duplex operation on a two point or multipoint basis. The Various types of services furnished are as follows.
- 1.** **Type 2000** channels are furnished for voice transmission for terminal equipment not involving connection of PBX or other arrangement to a local or toll central office line to form a through connection over the private and exchange service lines.
  - 2.** **Type 2001A** channels are furnished for voice transmission as bridged connections to exchange service lines or as PBX (or similar) off-premises main and extension station lines, which may require signaling arrangements for operation over channels with specified resistance, with the capability of connection at a PBX, (or similar) system to a local or toll central office line to form a through connection over such a line.
  - 3.** **Type 2001B** channels are furnished for voice transmission provided with or without signaling arrangement(s) to interconnect PBX (or similar) systems, Centrex systems or PBX (or similar) and Centrex systems.
  - 4.** **Type 2002** channels are furnished for remote control and operation of mobile radio-telephone systems.
  - 5.** **Type 2006** channels are furnished for voice transmission in connection with foreign exchange service.
  - 6.** **Type 2006A** channels are furnished for voice transmission in connection with foreign central office service.

**9.2.3 Series 3000 Channels****9.2.3.1 Description**

- A.** Series 3000 channels are designed to meet certain specifications based on Company standards of measurement for data transmission and for remote metering, supervisory control, and miscellaneous signaling purposes as set forth herein. These channels are not suitable for the transmission of direct current pulses. The number of stations that may be connected and the distance over which transmission is possible may be limited by operating and transmission factors on channels furnished for data transmission.
- B.** The channels may also be furnished to connect terminal equipment or communications systems to other terminal equipment or communications systems.

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**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.2.3.1 Description (Cont'd)**

- C. Channels are furnished for half duplex operation on a two point or multi-point basis and for duplex operation on a two point basis or any two point portion of a multi-point channel. The transmission characteristics and the various types of services furnished within this series are as follows.
1. **Type 3001** - Approximate bandwidth of 300 to 3,000 Hz. Furnished for remote metering, supervisory control and miscellaneous signaling purposes.
  2. **Type 3002** - Approximate bandwidth of 300 to 3,000 Hz. furnished either as an unconditioned or conditioned channel for data transmission. A channel conditional arrangement is required when the channels are used for either C1, C2, or D1 data transmission. When the channel equipped with Type D1 conditioning is utilized for voice communications, the Company does not guarantee that the channel will be suitable for voice transmission.

**9.2.3.2 Application of Rates and Charges**

- A. **Service Charges** apply in addition to the nonrecurring charges for Series 3000 service.
- B. **Bridging Charges** apply on multi-point channels.
- C. **Moves** - Service charges apply as appropriate.

**9.2.4 Series 5000 Channels****9.2.4.1 Terminating Arrangements**

- A. Terminating arrangements for use with the various types of base capacity are furnished as service terminals for use as a wideband channel or as service terminals for use as individual channels of a lesser capacity. A service terminal is required for each service arranged for use by the customer, for each connection of service to a station, or for each connection of service to a Company office for the purpose of establishing a channel in connection with foreign exchange service. When a channel switching arrangement is provided, each station at the switching point requires a service terminal for each of the channels to which it is connected and which can be operated as a separate channel.
1. Where service terminals for use as individual channels of a lesser capacity are furnished, the Type numbers as shown in Exhibit 2.1.4-1 are assigned by reference to the individual channel as if it were furnished under Series 1000, 2000 or 3000 channels by dropping the second digit of the regular Type number and adding a five as the first digit of the new four digit Series 5000 Type number.
- B. **Moves and Changes** - When a service terminal is moved, nonrecurring charges apply. When a change is made in the classification of the service terminal, a nonrecurring charge applies for each service terminal that is changed or added new in the base capacity.

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**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.2.4.1 Terminating Arrangements (Cont'd)**

1. When a customer's existing channels and services become channels and services of a base capacity, nonrecurring charges for service terminals do not apply provided service terminals of the same classifications are continued in use without interruption.

**C. Service Terminals for Use as a Wideband Channel**

1. **Type 5501** - Service terminals to accommodate the transmission of data signals at a rate of 40,800 bits per second in sequence, including one telephone channel termination for coordination. The channels developed by each service terminal have the total equivalent of twelve telephone channels.
2. **Type 5502** - Service terminals to accommodate the transmission of data signals at a rate of 50,000 bits per second in sequence, including one telephone channel termination for coordination. The channels developed by each service terminal have the total equivalent of twelve telephone channels.

**D. Service Terminals for Use as Channels of a Lesser Capacity**

1. **Voice** - Service terminals suitable for terminating channels having transmission characteristics and with terminating arrangements similar to those furnished under Series 2000 and 3000 (Type 3001 only) channels. Voice service terminals are Types 5201, 5201A, 5201B, 5202, 5206 and 5301.
2. **Teletypewriter** - Service terminals suitable for terminating channels having transmission characteristics and with terminating arrangements similar to those for channels furnished under Series 1000 channels. Teletypewriter service terminals are Types 5102 and 5106.
  - a. Except for Type 5106 channels twelve channels or any portion thereof or a combination, not exceeding twelve channels, between the same pair of rate centers, have the equivalent of one voice grade channel. Four Type 5106 channels or any portion thereof not exceeding four channels, between the same pair of rate centers, have the equivalent of one voice grade channel.
3. **Data** - Service terminals suitable for terminating channels having transmission characteristics and with terminating arrangements similar to those for Series 3000 channels furnished for data or telephotograph transmission. Each channel has the equivalent of one voice grade channel. Data service terminals are Type 5302.
4. Charges for the first station in an exchange or for a connection to a Company office on each service in use are incurred per service terminal. Charges for the second or subsequent station in an exchange on any individual service are incurred per service terminal.

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**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.2.4.1 Terminating Arrangements (Cont'd)**

Exhibit Terminating Arrangements		
<b>Series</b>	<b>Type</b>	<b>Equivalent 5000 Series Type</b>
1000	1002	5102
2000	2001	5201
3000	3001	5301

**9.2.4.2 Connecting Arrangements**

- A. A connecting arrangement is required for each connection of a channel furnished under this series to the following channels or arrangements.
1. An interexchange channel furnished under other series, except where the connection is by means of a switching arrangement.
  2. An alternate use arrangement except when a connecting arrangement is furnished for the preceding purpose, or a service terminal is provided.
- B. A connecting arrangement charge equal to the service terminal charge for the first station on the channel applies for each connecting arrangement.
- C. When a customer wishes to make the connection at will, special charges apply for the function performed.

**9.2.4.3 Station Arrangement**

- A. When Type 5106 interexchange channels are provided for use with teletypewriter service terminals, station arrangement regulations as specified for Type 1006 channels apply.

**9.2.4.4 Channel Conditioning Arrangement**

- A. When Type 5302 interexchange channels are provided for use with data service terminals and used for either Type C1, C2, or D1 data transmission, channel conditioning arrangement charges as specified for Type 3002 channels apply.

**9.2.5 Series 6000 Channels****9.2.5.1 Description**

- A. Series 6000 channels are furnished for one-way program transmission in connection with loudspeakers and sound recording.

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**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.2.5.1 Description (Cont'd)**

- B. Type 6002 Schedule D** provides for the occasional use of program transmission facilities, without special operation and supervision, for the transmission of audio material within a frequency range from approximately 2000 to 3,500 cycles per second. Transmission limitations permit the satisfactory transmission of the above frequency range only over limited distances. This type covers the provision of interexchange channel facilities and services, including the necessary bridging connection.
- C. Type 6003 Schedule C** provides for the continuous use of program transmission facilities as described for Type 6002 preceding.
- D. Type 6004 Schedule B** provides for the occasional use of program transmission facilities, with special operation and supervision, for the transmission of program material within a frequency range from approximately 100 to 5,000 cycles per second. This type covers the provision of interexchange channel facilities and services, including such station connections as may be required.
- E. Type 6002 Schedule A** provides for the continuous use of program transmission facility as described for Type 6004.
- F. Type 6006 Schedule BB** provides for the occasional use of program transmission facilities, with special operation and supervision, for the transmission of program material within a frequency range from approximately 50 to 8,000 cycles per second. This type covers the provision of interexchange channel facilities and services, including such station connections s may be required.
- G. Type 6007 Schedule AA** provides for the continuous use of program transmission facilities as described for Type 6006.
- H. Local Channels Schedule F** provides for program transmission facilities within an exchange are between the following locations:
1. Two Stations
  2. The studio and the first distributing center or point of connections with an interexchange channel.
  3. Distributing centers.
  4. A distributing center and each station served there from.

**9.2.5.2 Program Exchange Areas (PEA)**

- A.** PEAs (refer below) denote the area served by an exchange except that the exchanges adjacent to Boston form a single area. In addition to the Boston area, the North Swansea, Rehoboth, Seekonk and Southgate exchange/localities in MA are included in the Providence, RI PEA.

**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.2.5.2 Program Exchange Areas (PEA) (Cont'd)**

<b>Program Exchange Areas (PEAs)</b>	
<b>Alpha Order</b>	<b>PEAs</b>
<b>A</b>	Arlington
<b>B</b>	Belmont, Braintree, Brighton, Brookline
<b>C</b>	Cambridge, Canton, Central Exchange (Boston), Charleston, Chelsea, Cohasset
<b>D</b>	Dedham, Dorchester
<b>E</b>	East Boston, Everett
<b>H</b>	Hingham, Hull, Hyde Park
<b>J</b>	Jamaica Plain
<b>L</b>	Lexington, Lincoln
<b>M</b>	Malden, Medford, Melrose, Milton
<b>N</b>	Needham, Newton, Norwood
<b>Q</b>	Quincy
<b>R</b>	Randolph, Reading, Revere, Roxbury
<b>S</b>	Somerville, South Boston, Stoneham
<b>W</b>	Wakefield, Waltham, Watertown, Wellesley, Weymouth, Winchester, Winthrop, Woburn

**9.2.5.3 Application of Rates and Charges**

- A.** Service charges apply in addition to all other applicable rates and charges for service and associated equipment.
- B.** The maximum charge applicable for occasional service within the period of one month is the charge for monthly service for similar grade facilities.

**9.2.6 Series 10000 Channels****9.2.6.1 Description**

- A.** Series 1000 channels are furnished to the customer by the Company for the purpose of extending communications systems to a premises of the customer or authorized user. Channels are furnished for half duplex or duplex operation on a two point basis.
- B.** **Type 10001** - Approximate bandwidth of 300 to 3,000 Hz. Furnished to the extent permitted by the normal transmission characteristics of this grade of channel, for types of transmission similar to those set forth for Series 1000, 2000, and 3,000 channels.

**9.2.6.2 Application of Rates and Charges**

- A.** Rates and charges for entrance facilities (Type 10001) will be determined on a case-by-case basis.

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Waltham, Massachusetts 02451

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**SECTION 9 – PRIVATE LINE SERVICES (Cont'd)****9.2.7 Signaling Arrangements****9.2.7.1 Automatic Signaling**

- A. Signaling is normally provided by hand generators which are furnished without additional charge. Line equipment at the central office where facilities permit, regardless of the type of termination may be used as a signal arrangement in lieu of a hand generator.

**9.2.8 Information Transfer System****9.2.8.1 Description**

- A. This system is an experimental television and wideband data channel service furnished to Harvard University, Cambridge Massachusetts. Filed tariff rates will apply for control channels and Schedule F local channels which are provided on facilities other than those furnished at the nonrecurring rates and monthly charges specified for Harvard University.

**9.2. Private Line Services (Cont'd)****9.2.9 Dataphone Select-A-Station Service (DSAS)****9.2.9.1 Description**

- A. DSAS service is a multi-station, voice grade private line data service designed to establish point-to-point connections between a master station and a number of remote stations, one at a time.
  - 1. The order of connections made from the master station to remote stations may be either sequential (fixed) or addressable (under the control of the master station). Direct transmission between remote stations is not possible, nor is simultaneous communications from the master to more than one remote station possible.
- B. DSAS requires the use of equipment and Type 3002 channels provided herein.
- C. DSAS is not designed to provide alternate voice-data transmission and this type of transmission is not supported. DC continuity between master and remote stations is not provided.



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**SECTION 10- MESSAGE TELECOMMUNICATIONS SERVICE (MTS)****10.1 Message Toll Service**

This service provides direct dialed calling between local service areas. Callers must dial 1+ (area code) + destination telephone number. Service is offered on both a Customer dialed an operator dialed basis for each of the following classes of calls.

- Station-to-Station
- Calling Card
- Collect or Third Number Billed
- Person-to-Person
- Coin Paid Station-to-Station

Calls are billed in full minute increments with a minimum call duration of one minute.

**10.1.1 Customer Dialed Classes of Service**

1. Station-to-Station Service rates apply to a call that is dialed and completed by a Customer without the assistance of an operator. An operator may be used to place a call for a calling party who identifies him/herself as being handicapped and unable to dial because of the handicap.
2. Calling Card Service rates apply to a call that is dialed by a Customer in accordance with the standard dialing instructions and billed to a calling card number. The services of an operator are not used to dial the called party, with the exception noted above. An operator may be used to place a call for a calling party who identifies him/herself as being handicapped and unable to dial because of the handicap.
3. Collect of Bill to Third Number Service rates apply to a call which is dialed by the Customer and billed to the called party or to a third number with operator assistance. An operator may be used to place a call for a calling party who identifies him/herself as bring handicapped and unable to dial because of the handicap.
4. Collect or Bill to Third Number Mechanized Service rates apply to a call which is dialed by the Customer and billed to the called party or to a third party number through interaction with mechanized system. An operator may be used to place a call for a calling party who identifies him/herself as being handicapped and unable to dial because of the handicap.
5. Person-to-Person Service rates apply to ca call where the person originating the call dials the call number and specifies to the operator a particular person, station, department, or office to be reached or an agreed upon alternative.
6. Coin Paid Station-to-Station Service rates apply to a station-to-station call dialed by the Customer where the money for the initial period is deposited in a pay telephone coin box.

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**SECTION 10- MESSAGE TELECOMMUNICATIONS SERVICE (MTS) (Cont'd)**

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**10.1.2 Operator Dialed Classes of Service**

1. Station-to-Station Service rates apply to a station-to-station call when the operator dials the called telephone number, or to calls which involve a request for information relating to the billing or charges for a call. The same exception for Customers with handicaps as noted in Section 4.6.3 apply.
2. Calling Card Service rates apply to a call that is dialed by the operator and billed to a calling card. The same exception for Customers with handicaps as noted in Sections 4.6.3 apply.
3. Collect or Bill to Third Number Service rates apply to a call which is dialed by the operator and billed to the called party or to a third number. The same exception for Customers with handicaps as noted in Section 4.6.3 apply.
4. Person-to-Person Service rates apply to a called dialed by the operator where the person originating the call specifies a particular person to be reached or a particular station, department or office, or an agreed upon alternative. The same exception for Customers with handicaps as noted in Section 4.6.3 apply.
5. Coin Paid Station-to Station Service rates apply to a station-to-station call which is dialed by the operator where the money for the initial period is deposited in a pay telephone coin box. The same exception for Customers with handicaps as noted in Section 4.6.3 apply.

**10.2 Outward Firm Rate Plan (OFRP)**

The OFRP is an Optional Calling Plan available to business Customers. It is intended to provider rate stability to eligible Customers. Customer commit to a minimum amount of MTS usage over 12, 24 or 36 months. Individual Customer usage amounts covered by the service agreement are based on the Customer's actual usage, but in no case will the commitment be for less than 2,400 hours of annual usage.

The OFRP applies to Customer dialed station-to-station MTS usage originating from a single Customer location and billed to the same Customer and MTS usage placed using a calling card billed to that Customer's account.

The service agreement specifies an amount of annual MTS usage the Customer wishes to included under the OFRP. The amount of usage that is subject to rate protection as provided herein is the selected level of usage, plus or minus 25%. The Customer may revise the amount of usage subject to the OFRP once per year provided that the new usage amount selected by the Customer is no less than 2,400 hours of annual MTS usage. The new level of usage will constitute the annual usage commitment, subject to annual review.

The Company will review the Customer's actual usage annually. If the Customer's actual hours of MTS usage for the annual review period fall below 75% of the annual usage commitment specified in the service agreement, the Customer shall pay to the Company within 30 days, an amount equal to the MTS charges that were not imposed by the Company. In the case of a multi-year service agreement, the Company may terminate the agreement immediately if there is a billing for additional charges s provided herein. If the service agreement includes an annual usage commitment under the Inward Firm Rate Plan, the actual hours of MTS and calling card usage combined with the actual hours of toll free service must be no less than 25% below the combined total commitment hours.

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**SECTION 10- MESSAGE TELECOMMUNICATIONS SERVICE (MTS) (Cont'd)**

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**10.2.1 Termination**

A Customer may terminate the agreement by providing 60 days prior written notice of termination to the Company. If the Customer terminates the agreement prior to the expiration of its term, the Customer shall pay to the company, within 30 days, an amount equal to the MTS charges that were not imposed by the Company. Additional charges apply on a full billing period basis. If termination occurs during the middle of the Customer's billing period, the Company will not prorate the monthly usage amount.

**10.2.2 Relocation**

When the basic exchange telecommunications service associated with the OFRP is relocated to a different premises served by the same or a different central office, existing arrangements for OFRP remain unchanged.

**10.2.3 Transfer of Service**

If a Customer transfers business telecommunications service to another Customer at a location that is subject to an existing OFRP, the new Customer may assume the OFRP at that location in conjunction with the transfer of service, provided that written notice of the assumption, signed by both Customers, is given to the Company. The new Customer assumes, for the remainder of the term of the service period, all conditions applicable to the OFRP at the time of transfer, including the usage commitment set forth in the service agreement and any additional charges resulting from a failure to achieve the usage commitment. For the purpose of determining whether the usage commitment has been satisfied, the usage of the Customer transferring service shall be considered for the applicable annual period. A Element 1 service ordering charge for other changes, payable by the new Customer, applies for this change.

**10.2.4 Application of Rates and Charges**

Charges are based on actual usage at the MTS rates.

The Customer subscribes to an amount of hours during the service period specified in the individual Customer service agreement. During the OFRP service period, charges applicable to the Customer's MTS usage are not subject to a Company initiated increase. Rate protection applies only to Customer dialed station-to-station MTS usage originating from single Customer locations and billed to the same account and MTS usage placed using a calling card billed to that account.

Additional hours used up to 25% over the commitment account are subject to the rate protection as stated above. Additional hours used over 25% of the commitment amount are subject to current tariff MTS rates and are not subject to rate protection.

An Element 1 charge will apply to establish the OFRP. If established at the same time as the Inward Firm Rate Plan, only one Element 1 charge would apply.

**10.3 DSCI Link Service**

DSCI Link is an optional calling plan for business Customers that provides discounts on qualifying usage charges billed to a Billed Telephone Number (BTN), for usage services provided by the Company.

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**SECTION 10- MESSAGE TELECOMMUNICATIONS SERVICE (MTS) (Cont'd)**

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**10.3 DSCI Link Service (Cont'd)**

A business BTN is eligible for the plan if the total billed charges for qualifying usage in a month is \$10.00 or more. The plan is implemented in the first full billing period following the Customer's request to enroll in the plan. A Element 1 charge will not apply to establish this plan.

Qualifying usage consists of:

- a) Directly dialed local and MTS calls, including operator assisted calls where direct dialing is not available
- b) Toll Free Service Calls
- c) Customer dialed calling card calls.

**10.3.1 Volume Discounts**

A discount will be applied each month of the Customer's qualifying usage charges for each BTN. The applicable percent discount will be determined by the total amount of monthly billed qualifying usage. for purposes of computing the discount level, each month's total qualifying usage for each BIN at a single location are grouped into one of the four tiers.

**10.3.2 Bonus Credits**

Customer will receive an additional deferred discount on the amount of discounted qualifying usage charges, in the form of credits. A specified credit amount will be awarded for every dollar of discounted qualifying usage.

Bonus credits may only be redeemed 12 months after they have been earned. Bonus credits may be applied to the Customer's usage bill. Credits eligible for redemption that have not been redeemed within two years after the month in which they are eligible for redemption will be forfeited.

**10.3.3 Service Agreement**

A Customer that signs a service agreement to participate in the plan for 36 months will earn two bonus credits for each dollar of discounted qualifying usage. However, if the Customer's qualifying usage declines to 20% less than their average historical monthly usage in any two months, for any reason other than external, negative business impacts the service agreement will be terminated.

Termination of the service agreement will result in forfeiture of all bonus credits not yet eligible for redemption. Average historical monthly qualifying usage will be defined by the Customer's first six (6) months of qualifying usage on the plan. At the end of the 36 month period, the service agreement will be automatically renewed for another 36 months, unless the Customer notifies the company to the contrary.

**10.3.4 Termination**

Customers may terminate participation in the plan at any time. No previously applied discounts will be affected by Customer termination and no termination charges will apply. The termination will go into effect in the first full billing period following the billing period in which the company receives termination notification from the Customer.

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**SECTION 10- MESSAGE TELECOMMUNICATIONS SERVICE (MTS) (Cont'd)**

**10.3.4 Termination (Cont'd)**

All bonus credits that have not been redeemed will be forfeited. If a Customer chooses to leave the plan, the Customer will forfeit credits earned during the 12 months prior to termination.

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**SECTION 11- INBOUND SERVICES****11.1 Basic Toll Free Service****11.1.1 General**

Basic Toll Free service provides for dial-type communications between a toll free access line (e.g. 800/888) and exchanges by this Company and by participating companies within the LATA in the Commonwealth of Massachusetts. Dial-type communications is a dialed call received by the Customer over a toll free service access line, or if its facilities are not available for dial completion from a station, a call placed with an operator by giving the calling telephone number and the Customer's toll free service access line number.

Basic Toll Free Service permits calling in one direction only, via an access line, from all exchanges within a LATA. A toll free service access line, connecting the Customer's premises and a Company central office, is provided for receiving toll free service calls. Toll free service access lines provided on the same premises of a Customer are arranged as service groups. A service group consists of one line or two or more lines in a multi-line sequence arranged for line hunting.

Basic Toll Free Service may be furnished on the same premises of a Customer with either measured or unlimited main telephone exchange service.

**11.1.2 Limitations**

1. Basic Toll Free Service is not represented as adapted for connection to other services of the Company except as specified in this Section and in Section 7 - Remote Call Forwarding Service.
2. Toll Free Service does not include person to person, collect, conference, or other calls requiring operator handling.
3. Service may be furnished only when and for so long as the Customer subscribes to a sufficient number of access lines to adequately handle the volume of telephone calls received, without interfering with any of the services offered by the Company.

**11.1.3 Temporary Suspension of Service**

Toll Free Service is not subject to a temporary suspension of service arrangement.

**11.1.4 Service Interruption**

Credit is given for interruption to an access line of 24 consecutive hours or more. An interruption to an access line not due to the negligence of the Customer is credited at one-thirteenth of the monthly charge for the access line for each 24 hours or any fraction thereof of interruption.

MTS furnished at the calling party's request, if Toll Free service is interrupted, is charged for at MTS rates.

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**SECTION 11- INBOUND SERVICES (Cont'd)****11.1.5 Resale and Sharing**

800 service may be resold or shared by business Customers, subject to the general regulations specified in Part A.

**11.1.6 Minimum Service Period**

The minimum service period is one month.

**11.1.7 Directory Assistance**

Initial and Additional Directory Listings may be provided with Basic Toll Free Service in accordance with the terms in Section 4 of this Tariff.

**11.1.8 Application of Rates and Charges**

1. Timing of Calls - Except as otherwise specified herein, timing begins when connection is established between a telephone associated with a toll free service access line and the calling telephone and ends when the calling telephone hangs up, thereby releasing the network connection. If the called telephone hangs up, but the calling telephone does not, timing ends when the network connection is released by automatic timing equipment in the telecommunications network.
2. Channels for Additional Termination of Access Lines - For additional terminations between points in the same exchange but not on the same premises, or additional terminations between points different exchanges within a LATA, rates and charges apply for a Private line Type 2001A intraexchange/interexchange channel.
3. Service charges apply in addition to the Toll Free service dial tone line and usage charges.

**11.1.9 Determination of Usage Charges**

IntraLATA usage charges are determined in accordance with the following steps:

1. Determine the total number of calls for each access line billed to the same account.
2. Determine the total actual seconds used for the access line(s) in a service group; divide by 60; and if the number of minutes results in a fractional part of a minute, round to the next higher minute.
3. The applicable charges equal the number of calls determined, multiplied by the per message charges for Toll Free Service, plus the number of minutes determined multiplied by the per minute charge for Toll Free Service.

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**SECTION 11- INBOUND SERVICES (Cont'd)****11.2 Advanced Toll Free Service****11.2.1 General**

Toll Free service is available to Subscribers for incoming calls from stations located in the 617/508 and 413 LATA to a telephone number associated with the Customer's local exchange service in the same LATA. Calls originating outside of the LATA in which the Customer is located will be denied access to the called number. Call charges are billed to the Subscriber rather than to the originating caller.

Service is available where facilities permit.

Advanced Toll Free service does not include person to person, collect, conference or other calls requiring operator handling. Service may be furnished only when and for so long as the Customer subscribes to a sufficient number of access lines to adequately handle the volume of telephone calls received, without interfering with any of the services offered by the Company.

**11.2.2 Minimum Service Period**

The minimum service period is one month.

**11.2.3 Optional Features**

Call Detail provides the date, time, calling number, duration and originating exchange of each call to the Customer's number, where suitable facilities exist.

**11.2.4 Application of Rates and Charges**

The rates for Advanced Toll Free Service consist of monthly rates and usage charges that apply to toll free number. For usage charges, the charges per tenth of an hour is one tenth of the hourly rate.

In addition to the rates and charges for Advanced Toll Free Service, main telephone exchange service rates and charges apply.

A discount is applied to the cumulative monthly billing above \$60.00, for all Advanced Toll Free number associated with a billing telephone number. A discount does not apply when the total monthly billing is less than \$60.00.

Service charges apply as appropriate to establish Advanced Toll Free Service and Call Detail. Service charges apply as appropriate, to change the local exchange telephone number and the toll free telephone number associated with advanced Toll Free Service.

**11.2.5 Determination of Usage Charges**

Usage is subject to a minimum average time requirement, which represents the minimum average length of calls completed during a billing period. When the average length per call during each billing period is less than the minimum average time requirement, billing will be based on the actual number of calls and the time requirement. The monthly usage charge is calculated in accordance with the following steps:



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**SECTION 11- INBOUND SERVICES (Cont'd)****11.2.5 Determination of Usage Charges (Cont'd)**

1. Determine the total amount of completed calls for each number for Advanced Toll Free Service.
2. Determine the equivalent hours used by multiplying the total amount of completed calls by the minimum average time requirements of 30 seconds (a call = .5 minutes) and dividing by 60 minutes.
3. Determine the total actual hours used for each number. Fractional parts of hours are measured in tenths of an hour.
4. The total chargeable usage hours for each number will be whichever is greater - equivalent hours of actual hours, rounded to the nearest tenth of an hour.
5. The total usage charge for each number is calculated by multiplying the chargeable hours by the usage hourly charge for Advanced Toll Free Service.

**11.3 Toll Free Call Management Features**

The following Call Management Features are available with Toll Free Service, and Advanced Toll Free Service, where facilities permit.

**11.3.1 Alternation Call Routing** - allows a Subscriber to terminate the toll free number at multiple terminating locations based on various parameters that identify where and when a call originates. Subscribers may select routing of the calls by:

Time of Day/Day of Week - allows the subscriber to determine where calls will be routed at any given point in time, either to one of several destinations or to several interexchange carriers.

Originating Area Code and NXX - allows a Subscriber to determine how calls will be routed based on where calls originate.

Specific Date - allows the Subscriber to develop an alternate routing configuration based on the date the call is made, or on the date the Subscriber specified (for example, holiday or weekend).

Allocation to Terminating Location by Percentage of Calls - allows a Customer to redistribute or balance calling volume among terminating locations.

Multiple Interexchange Carriers - allows a Subscriber to route calls to multiple interexchange carriers based on the calls originating point, time of day/day of week or on an allocation basis.

**11.3.2 Emergency** - allows a Subscriber to create an inactive alternate routing arrangement as part of the Subscriber record to be activated in the event of an emergency. Within 5 minutes of notification by the Customer, the Company will activate the emergency alternate routing arrangement in the Customer data base record. If the Company fails to activate the emergency alternate routing arrangement within 5 minutes, the emergency update service and equipment charged is waived and the Company will also apply a credit to the Customer's bill in the amount equal to the Advanced Toll Free monthly rate. Timing begins after identification and verification of a Customer's alternative route. There is a non-recurring charge for each activation.

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**SECTION 11- INBOUND SERVICES (Cont'd)**

**11.3.3 Call Data Reports** - available subject to capacity limitations, allows the Customer to obtain sampled information about calls made to the toll free number. The reports can contain such information as the originating NXX, time, number of calls completed versus attempts, etc. Customers are allowed one call data report (either summary or raw data format) at no charge. Additional reports will be provided at a charge. Summary reports provide formatted results at a high level of detail and are available only on printed media. Raw Data reports provide all the details of the call for a time period specified by the Customer, and are available on printed media or magnetic tape.

**11.4 Inward Firm Rate Plan (IFRP)**

The Inward Firm Rate Plan (IFRP) is an Optional Calling Plan available to business Basic Toll Free Service and Advanced Toll Free Service Customers. Customers commit to a minimum amount of toll free service usage over 12, 24, or 36 months and are protected against a Company initiated increase of toll free service rates during the service agreement period. Individual Customer usage amounts covered by the service agreement are based on the Customer's actual usage but in no case will the commitment be for less than 1,200 hours of annual usage. The IFRP is intended to provide rate stability to eligible Customers.

The service agreement specifies an amount of annual usage that the Customer wishes to include under the IFRP. The amount of usage that is subject to rate protection as provided herein is the selected level of usage plus or minus 25%. The Customer commits to a number of hours during the service period specified in the individual Customer service agreement. Additional hours up to 25% over the commitment amount are subject to the rate protections. Additional hours used over 25% of the commitment amount are subject to current tariff rates for Basic Toll Free Service and Advanced Toll Free Service rates and are not subject to rate protection.

Usage is provided at the rates specified for Toll Free Service or Advanced Toll Free Service provided however, that the rates for usage subject to IFRP service agreement shall not exceed the applicable rates in effect at the time the Customer and Company sign the service agreement, or such lower rates as may apply from their effective date through the balance of the service agreement period.

The Customer may revise the amount of usage subject to the IFRP once per year, provided that the new usage amount selected by the Customer is no less than 1,200 hours of annual usage or no less than 3,600 hours of annual usage combined with an OFRP. The new level of usage will constitute the annual usage commitment for the purpose of the annual review.

The Company will review the Customer's actual usage annually. If the Customer's actual hours of usage for the review period fall below 75% of the usage commitment specified in the service agreement, the Customer shall pay to the Company, within 30 days, an amount equal to the charges that were not imposed by the Company.

**11.4.1 Discontinuance of Service**

A Customer may terminate the agreement by providing 60 days prior written notice of termination to the Company.

If the Customer terminates the agreement prior to the expiration of its term, the Customer shall pay to the Company, within 30 days, the amount equal to the charges that were not imposed by the Company. Additional charges apply on a full billing period basis. If termination occurs during the middle of the Customer's billing period, the Company will not prorate the monthly usage amount.

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**SECTION 11- INBOUND SERVICES (Cont'd)****11.4.2 Relocation of Service**

When service associated with the IFRP is relocated to a different premises serviced by the same or a different central office existing arrangements for IFRP remain unchanged.

**11.4.3 Transfer of Service**

If a Customer transfers business telecommunications service to another Customer at another location that is subject to an existing IFRP, the new Customer may assume the IFRP at that location in conjunction with the transfer of service, provided that written notice of the assumption, signed by both Customers, is given to the Company. The new Customer assumes, for the remainder of the term of the service period, all conditions applicable to ORP at the time of transfer, including the usage commitment set forth in the service agreement and any additional charges resulting from a failure to achieve the usage commitment. For the purpose of determining whether the usage commitment has been satisfied, the usage of the Customer transferring service shall be considered for the applicable annual period. A Element 1 service ordering charge for other changes, payable to the new Customer, applies for this change.

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**SECTION 12- ADVANCED DATA SERVICES****12. Advanced Data Services****12.1 Frame Relay Service****12.1.1 Application of Rates and Charges**

- A.** Service charges apply to UNI Port With Access Line Connections, UNI Port Only Connections and NNI Port Only Connections available on a month to month basis, in addition to the rates and charges for FRS. Service charges also apply to Additional Logical Channels for 56 KBPS, 384 KBPS and 1.536 MBPS UNI Port with Access Line Connections.
- 1.** Nonrecurring charges do not apply to UNI Port with Access for 1, 3 or 5-Year Term Plans.
- B.** An administrative charge will be applied whenever a charge is made, at customer's request, to customer's Address Map. Such changes are defined as those rearrangements necessary to add, delete, or rearrange the configuration of an existing Address Map. Although multiple changes may be caused by such actions, only one administrative charge will apply. The administrative charge also applies for customer-requested changes to the bandwidth capacity of existing circuits (e.g., 384 KBPS to 1.536 MBPS, or 4 MBPS to 10 MBPS). However, if a customer upgrades between service levels (e.g., 384 KBPS to 4 MBPS) or downgrades between service level (e.g., 10 MBPS to 1.536 MBPS) the nonrecurring service charge associated with the new service level applies.
- 1.** The administrative charge applies per occurrence, per UN Port with Access Line Connection or UNI Port Only Connections.
- C.** Backup UNI
- A nonrecurring charge applies when a Customer requests an activation of the backup UNI service. No additional charges are applied upon deactivation of Backup UNI service.
- D.** Jurisdictional Change Charge
- Conversion of service to another jurisdiction will be treated as a disconnect of service and establishment of new service. A nonrecurring Jurisdictional Change Charge applies per UNI or NNI.
- E.** A Multi-jurisdictional PVC falls under federal jurisdiction and the PVC CIR rates, rules and regulations from the Verizon Telephone Companies FCC Tariff No. 20 are applicable, where available.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.2 Terminology****12.2.1 Definitions of Terms and Abbreviations**

- A. Access Line** - A local Channel for voice, data, or video communications which connects the Customer location to a location of Company or its underlying carrier or service provider.
- B. Additional Logical Channels** - Additional communications channels on a given Network Address allowing Customer to establish permanent virtual circuits between multiple locations and maintain a high degree of flexibility in configuration with the network.
- C. Bursting** - Bursting is the ability to temporarily exceed Committed Information Rate (CIR) which is the average rate one can send data through the Frame Relay network. The Verizon Frame Relay Service allows the data to be sent two times the CIR into the Frame Relay network in one second. For example, if the UNI's access circuit is 10 MBPS and the PVC's Committed Information Rate (CIR) is 5 MBPS, then data could be sent 10 MBPS into the network over the PVC in one send, the additional data being discarded.
- D. Committed Information Rate (CIR)** - A feature that provides Customer with a mechanism for prioritizing data on a per Permanent Virtual Circuit (PVC) basis across a given User Network Interface (UNI). A CIR allows a sustained throughput at a chosen rate without having any frames designated "discard eligible" under normal operating conditions.
- E. Dedicated Access** - A dedicated communications channel that terminates on a switch facility provided by Company or Company's underlying carrier or service provider.
- F. DS1** - Transmission bandwidth capable of supporting digital bit rates of up to 56 kilobits per seconds (KBPS).
- G. DS1 Port Connection** - An interface on the Frame Relay network which terminates a Customer's 1,536 megabits per second (MBPS) circuit.
- H. DS3 Port Connection** - An interface on the Frame Relay network which terminates a Customer's 44,736 megabits per second (MBPS) circuit.
- I. Grooming** - Allows the connection of up to 24 DS0 channels, or one or more Fractional DS1 channels to a single DS1 channel. Grooming also allows the connection of up to 28 DS1 channels to a single DS3 channel.
- J. HUB** - Company designated serving wire center which is equipped to provide private line service.
- K. Logical Channel** - A communications channel that allows transmission of sequenced data packets through one network. One logical channel comes standard with one 56 KBPS, 384 KBPS, and 1,536 MBPS Frame Relay UNI Port with Access Line.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.2.1 Definitions of Terms and Abbreviations (Cont'd)**

- L. Network Address** - The numeric characters representing the origination or destination point (i.e., the Subscriber Network Access Line) for each dedicated circuit accessing the Frame Relay network. The Network Address is numbered in number format. One Network Address comes standard with one Subscriber Network Access Line.
- M. Network Map** - The complete configuration of the Customer's frame relay subscriber network access lines and permanent virtual circuits, as defined by the interconnectivity of network addressed and logical channels.
- N. Network to Network Interface (NNI)** - The NNI port configuration is used for connecting two networks together for bi-directional messaging.
- O. Permanent Virtual Circuits (PVC)** - Are the electronic equivalent of a private line between ports.
- P. Port Connection** - The point space designated by the Customer for the termination of the Company's service.
- Q. Premises** - The physical space designated by the Customer for the termination of the Company's service.
- R. User to Network Interface (UNI)** - A standard interface used to connect the end user to the Frame Relay Service network. It receives the data frame from the Customer's Local Area Network (LAN) or other Customer Provided Equipment (CPE) devices and verifies that the Data Link Connection Identifier (DLCI) is valid before relaying the frame to the destination end point. The DLCI is a Frame Relay term defining a 10-bit field of the address field, and identifies data links and their service parameters.

**12.2.2 Frame Relay Service****12.2.2.1 General**

- A.** Frame Relay Service (FRS) is a virtual private data network service that allows Customers to simulate a dedicated high speed data network FRS allows customers to establish Permanent Virtual Circuits (PVCs) among multiple locations using statistically multiplexed network access lines and a shared high speed Company packet switching network. PVCs provide Customer with the electronic equivalent of a private line between two points. Customer establishes with Company a fixed private numbering plan (i.e., Network Address) and routing scheme (i.e., Network Map), for moving data among Customer's various locations on a secure basis. While none of the physical circuits are dedicated, these locations are electronically connected to function similar to private line service.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.2.2.1 General (Cont'd)**

- B.** FRS allows Customers to interconnect geographically dispersed Local Area Networks (LANs) and can support file transfer applications. FRS supports intermittent, bursty data traffic via 56 KBPS, 1,536 MBPS, and 44,736 MBPS transport facilities. Customer may purchase some quantity of dedicated access lines to the packet switching network which serves as the FRS backbone network. FRS port access is provided via either 56 KBPS, 1,536 MBPS or 44,736 MBPS from Customer's location to the nearest FRS service point.
- C.** FRS is available where facilities and conditions permit.

**12.2.2.2 Service Components**

- A. User to Network Interface (UNI) Port with Access Line Connection** - UNI port with access Line Connections provide the Customer with dedicated Access Line Connections provide the Customer with dedicated access and FRS port at a transmission speed of 56 KBPS, 384 KBPS, 1,536 MBPS, 4 MBPS, 6 MBPS, 10 MBPS and 22 MBPS, and 44,736 MBPS over dedicated digital facilities. Each UNI Port with Access Line Connection allows for unlimited usage on the FRS packet network. Each 56 KBPS, 384 KBPS, 1,536 MBPS UNI Port with Access Line Connection includes one logical channel and one network address. Additional logical channels are offered as an optional feature. The PVC must be associated with at least one FRS port. A FRS port can be associated with multiple PVCs. Subject to technical constraints, the Company may limit the number of PVCs to be assigned.
- 1.** Effective July 5, 2003, this service component is no longer available to new customers. Moves, additions, or changes are not permitted. Customers subscribing to this service prior to July 5, 2003 will be billed at the Vintage 1 rates, customers subscribing to this service after July 5, 2003 will be billed at the Vintage 2 rates.
- B. Port Only Connections** - UNIs and NNIs are also provisioned as a Port Only Connection. UNI Port Only Connection provides a Frame Relay Network connection based on the port connection speeds of 56 KBPS, 1,536 MBPS, 4 MBPS, 6 MBPS, 10 MBPS and 22 MBPS and 44,736 MBPS. NNI Port Only Connection provides a Frame Relay Network connection based on the port connection speeds of 384 MBPS, 1,536 MBPS and 44,736 MBPS. The Frame Relay port speed will be consistent with the channel speed of the access channel. Each port can accommodate multiple PVCs. UNI Port Only and NNI Port Only Connections are available on a month-to-month, one-year, three-year and five-year term.
- 1.** Customers may only access Port Only connections via Company provided digital access facilities. The associated regulations, rates and charges under the appropriate Company Tariff shall apply in addition to the regulations, rates and charges associated with FRS.
- C. Optional Features and Functions** - These provide the Customer with additional capabilities for interaction with the FRS packet network.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.2.2.2 Service Components (Cont'd)**

- 1.** Additional Logical Channels allow 56 KBPS and 384 KBPS and 1,544 MBPS Customers to simultaneously operate multiple channels on a single port. The maximum additional logical channels available for 56 KBPS or 384 KBPS Subscriber Network Access Line are 199, and the maximum additional logical channel must be associated with a specific network address.
  - a.** Effective July 5, 2003, this service component is no longer available to new customers. Moves, additions or changes are not permitted. Customers subscribing to this service prior to July 5, 2003 will be billed at the Vintage 1 rates, customers subscribing to this service after July 5, 2003 will be billed at the Vintage 2 rates.
- 2.** Permanent Virtual Circuit (PVC) Committed Information Rate (CIR) provides a mechanism to prioritize applications on a per-PVC basis over a Frame Relay UNI. This feature allows all users to maintain the capability to transfer data within their CIR on a non-sequential, high-priority basis without potential packet data discard due to network congestion.
  - a.** The following types of PVC CIR are available:
    - 1.** Standard - A Standard PVC is a logical channel path between two (intrastate) customer Frame Relay ports.
    - 2.** Multi-jurisdictional - A multi-jurisdictional PVC is a logical channel path between two customer Frame Relay ports, one being an interstate port and the other an intrastate port. A Multi-jurisdictional PVC falls under federal jurisdiction and the PVC CIR rates, rules and regulations from Verizon Telephone Companies FCC Tariff No. 20 are applicable where available.
  - b.** The maximum CIR allowed is determined by the lower of the two port speeds connected by the PVC. The maximum CIR allowed for port speeds at 1,536 MBPS and below is 75% of the lower of the two port speeds. For port speeds above 1,536 MBPS to 44,7136 MBPS, the maximum CIR allowed is 50% of the lower of the two port speeds.



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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.2.2.2 Service Components (Cont'd)**

3. **Backup UNI** service is a disaster avoidance and disaster recovery feature that consists of Primary UNI and a Backup UNI, the incorporated PVC remapping capabilities of the Frame Relay network. The Primary UNI is terminated at the primary host location and various Customer remote locations. A second UNI, which is designated by the Customer as a Backup UNI, is installed and terminated at the customers backup and host location. During normal operations no PVCs are mapped to the Backup UNI. The Customer will be required to purchase both UNIs. In the event of a Primary UNI, primary digital access line or, Customer primary host location failure, the predefined PVC configuration can be remapped to the Backup UNI at the Customer's request. Upon restoral of the Primary UNI service the Customer must contact the Company to initiate remapping of the PVCs from the Backup UNI back to the Primary UNI. A Backup UNI, which may served as a backup to one or more Primary UNIs, can only backup one Primary UNI at a time. A Backup UNI must be the same port speed or greater than the primary UNI(s).
- a. A Customer ordering Backup UNI service is responsible for the following:
1. Determining network configuration before and after the activation of Backup UNI service.
  2. Providing the Company with the appropriate information required for joint development of the Backup UNI database.
  3. Maintaining its own port configurations and router tables (for seamless changes from the Primary UNI to the Backup UNI, the Customer must use the same addressing scheme on routers connected to the primary and backup sites).
  4. Contacting the Company to requires all activations and deactivations of Backup UNI service.
  5. Providing assistance, as requested by the Company, in the implementation and execution of the Customer's activation/deactivation of Backup UNI service.

**D. Provisioning of Service** - The Company reserves the right to determine where equipment is to be deployed.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.3 Advanced Data Services****12.3.1 Transparent LAN Service (TLS)****12.3.1.1 Service Description**

- A.** Transparent LAN Service (TLS) is a high speed data service which uses a shared fiber network to allow for the interconnection of Local Area Networks (LANs) across selected metropolitan areas. TLS delivers interfaces of 10 MBPS or 100 MBPS from the Customer's LANs to the shared network.
- B.** TLS protects data privacy by using specialized screening software that permits subscribers to access only their data.

**12.3.1.2 Application of Rates and Charges**

- A.** The following rate elements are applicable to TLS:
- 1. Access Line** - A monthly rate applies on a per line basis, based on the speed of the access connection (i.e., 10 MBPS or 100 MBPS). The Access Line is offered on a month-to-month basis, or as a three-year or five-year Term Commitment Plan. A nonrecurring charge applies to the installation of TLS Access Lines provided on a month-to-month basis.
  - 2. Interoffice Mileage** - The interoffice Mileage charge applies to the distance between the Customer's serving central office and the nearest TLS equipped central office. This interoffice distance is measured in airline miles, based upon the latitude and longitude of each central office. The mileage measurement is calculated as specified by NECA Tariff FCC No. 4. The mileage rate applies on a per line basis. This charge applies in addition to the applicable rates and charges for the TLS access line.
  - 3. Domain/LAN Extension Equipment Changes** - Customer requests for changes in Domains and replacement of LAN extension equipment will be assessed a nonrecurring charge per location per change.
- B. Minimum Period** - The minimum period for TLS under the month-to-month plan is nine months.
- C. Moves and Changes** - When the Customer requests a move or relocations of the TLS Access Line to a different address and/or different building, the move or relocation will be treated as a termination of the existing service and the establishment of a new service for the application of all charges.

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## SECTION 12- ADVANCED DATA SERVICES (Cont'd)

### 12.4 Enhanced Dedicated SONET Service

#### 12.4.1 Definitions

**Add/Drop Multiplexing (ADM)** – a multiplexing function that allows lower level signals to be added or dropped from an optical carrier channel.

**Node** – an Enhanced Dedicated SONET Service (EDSS) rate element and a designation of either a customer location or Central Office on a SONET ring that has ADM capability. It is also the address of where a channelized (lower speed) service originates or terminates on a ring.

**High Speed Interface** – an EDSS rate element on a partial ring service that allows high-speed connection of the Company's facilities to the facilities of the customer or of a third party. High-speed connection is provided at a location that is mutually agreed upon by the Company and the Customer.

**Optical Carrier Rate (OC#)** – a SONET transmission signal/speed, line rate, or service. The rates are in multiples of an OC1, which is equivalent to an Synchronous Transport Signal (STS1) Level (51.84 Mbps), SONET's basic rate:

<u>OC(#) Rate</u>	<u>Bandwidth Capacity</u>
3	155.52 Mbps
12	622.08 Mbps
48	2.488 Gbps
192	9.952 Gbps

**Optical Carrier Rate Concatenated (OC#c)** – a clear channel SONET transmission using only one framing format. Generally, an OC3 signal provides three Synchronous Transport Signal (STS1) frame formats with 3 overheads for a total capacity of 2268 bytes per Synchronous Payload Envelope (SPE) frame; in an OC3C signal, one STS3c frame format is used with one overhead, increasing the total payload capacity to 2340 bytes per SPE frame.

**OC12+3, OC48+3, OC192+3, OC192+12, and OC192+48** – designations for nodes in ring-on-ring designs; the higher speed ADM is part of the true ring, and the lower speed ADM is connected for the purpose of mapping lower speed services onto the STS1s of the OC12, OC48 or OC192.

**Port** – an EDSS rate element that denotes the interface at which a channelized or lower speed service terminates or originates at an EDSS node.

**Synchronous Optical Network (SONET)** - a standard for the transmission of high capacity bandwidth over optical facilities. This synchronous transmission platform utilizes a modular multiplexing approach. Because of the large bandwidth, some of the payload is used to monitor, protect, manage and improve the transmission of the signal.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.1 Definitions (Cont'd)**

**Synchronous Transport Signal Level (STS1)** – a 51.84 Mbps signal that is the electrical equivalent of the OC1 or DS3 with additional Mbps devoted to SONET overhead information. An STS1 can carry a DS3 or 28 DS1s when specifically formatted (Mapped). These DS1s may be accessed off-ring using the tariffed DS3 to DS1 multiplexing optional service or via a DS3 Transmux port.

**Transmuxing** – the function of an EDSS DS3 Transmux port that performs a DS3 to DS1 conversion at an EDSS Node. The DS3 to DS1 conversion allows a single EDSS DS3 Transmux port to be associated with up to twenty-eight (28) Virtual Tributary VT1.5 mapped EDSS DS1 ports. Transmuxing within the EDSS network retains DS1 visibility allowing for full, proactive maintenance capability of DS1 signals.

**Virtual Tributary (VT)** – a SONET structure designed for transport of sub-STs1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.2 Description**

- A. The Company's Enhanced Dedicated SONET Service (EDSS) is an optical high capacity service provided using SONET-based technology. EDSS is provided on SONET facilities except where a service is extended on an "off-net" facility.

EDSS provides the customer a dedicated high capacity customized network. The network is in a ring architecture or topology that assures greater survivability and can be arranged as a full ring or as a partial ring that provides connectivity to multiple customer locations.

1. A full ring must have a minimum of three nodes with at least one of the nodes being located in a Company Central Office (CO) and one being located at a customer premises. The fiber path is such that when traversing the ring, the starting node and the end node are the same.
  2. A partial ring must have a minimum of two nodes with at least one of the nodes being located in a CO and one being located at a customer premises. The customer premises node can be substituted with a high-speed interface if the customer circuits that are provisioned on the partial ring are connected in a CO. The fiber path is such that when traversing the ring, the starting node and the end node are different.
  3. There is third network type known as ring-on-ring, which is a full ring riding over a bigger full ring.
- B. EDSS is an alternative to basic High Capacity point-to-point service between multiple customer locations. It is, therefore, rated discretely. Monthly rate elements include ports, nodes, mileage and high-speed interfaces (certain partial ring configurations only). When a DS1 service is provided between a DS1 port on an OC3 EDSS CO node and a channel of a multiplexing 44.736 Mbps or groomed NES DS3 facility, a ThruPath Connection nonrecurring charge applies. ThruPath connections at service levels less than, or greater than, DS1 are prohibited with EDSS.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.3 Technical Specifications**

A. Technical specifications are delineated in the following publications:

1. Telcordia Document GR-253-CORE; Issue 2, December 1995; Revision 1, December 1997; "Synchronous Optical Network (SONET) Transport Systems: Common Generic Criteria;"
2. Telcordia Document GR-1374-CORE; Issue 1, December 1994; "SONET Inter-Carrier Interface Physical Layer Generic Criteria for Carriers;"
3. American National Standard, ANSI T1.105-1995; "Synchronous Optical Network (SONET) – Basic Description including Multiplex Structure, Rates and Formats;"
4. Telcordia Document GR-1377-CORE; Issue 5, December 1998; "SONET OC192 Transport System Generic Criteria;"
5. American National Standard, ANSI X3.802.3, Telecommunications and information exchange between systems-Local and Metropolitan Areas Networks-Specific Requirements-Part 3, Released 1998; and
6. American National Standard, ANSI X3.802.3z, Supplement to Standard for Information Technology-Local and Metropolitan Area Networks, Part 3, Released 1998.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.4 Regulations****A. Provision of Service****1. All Rings**

- a. When a customer premises node is located in the same building as a CO node, there may be diminished survivability between the two nodes.
- b. When a customer transmits STS1, Internet Protocol or Ethernet signals, the mapping feature must be designated.
- c. Ethernet services are provided on a point-to-point basis between two suitably equipped EDSS nodes; that is, two premises nodes or a premises node and a CO node.
- d. Extended Superframe Format (ESF) is required on all DS1 circuits in order to ensure performance objectives.
- e. Additional nodes may be required, to maintain service quality levels. Generally, a transmission of 20 or more miles or a transmission through 6 or more COs will be subject to loss of signal integrity, and would require an additional node.
- f. The customer specifies the ring capacity in terms of optical carrier rates. EDSS is available in capacities of OC3, OC12, OC48 and OC192. Lower speed channel services are provided between nodes via port designations.
- g. EDSS is available based on negotiated intervals. Since EDSS provides a dedicated high capacity customized network, it is deployed upon customer request. Where suitable SONET facilities are not generally available, Special Construction rates and charges apply.
- h. The customer must provide, at no cost to the Company, suitable and secure space, suitable environmental conditions, and uninterrupted power supply, building entrance facilities and conduit for placement of the facilities and network equipment at its locations as necessary to provide the service.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.4 Regulations (Cont'd)****A. Provision of Service (Cont'd)****1. All Rings (Cont'd)**

- i. One of more lower speed node(s) may subtend a higher speed node (e.g., an OC12 node may subtend an OC192 node). Rates and charges apply for both the higher speed node and for each subtending lower speed node provided. Additionally, the applicable port charge will apply to dropt the lower speed channel that connects the higher speed node to the subtending lower speed node.

**2. Partial Ring**

When EDSS is provided in a partial ring configuration, the following applies:

- a. The customer must provide the Company with its fiber optic facility requirements (i.e., whether it will use single mode fiber or multi-mode fiber) prior to the Company ordering the necessary SONET network equipment to provide the requested service. The customer may utilize its own fiber optic facilities or the facilities of a third party.
- b. When ordering lower speed channels that originate at an terminate to nodes that are not within the partial ring provided by the Company, the customer must provide the Company with a copy of the order. This order provides the Company with authority to perform the necessary mapping of the channel through the partial ring to ensure continuity of the signal over the jointly provided ring. A Channel Mapping nonrecurring charge will apply for each channel mapped thorough the Company provided partial ring. The Channel Mapping charge applies to each lower capacity service that originates at and terminates to devices that are not within the partial ring provided by the Company. The Channel Mapping charge is billed to the lower capacity service. Channel mapping charges do not apply when ordering channels that originate at and terminate to nodes on the Company's portion of the partial ring.



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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.4 Regulations (Cont'd)****A. Provision of Service (Cont'd)****2. Partial Ring (Cont'd)****c. Connection to Partial Ring Service:**

The Company's network design will define the optical parameters at the connection locations. The Company is responsible for the optical parameters of the high-speed optical signal at the location where its facilities are connected to the facilities of the customer or of the third party. The Company bears no responsibility for the optical parameters beyond its location (i.e., in the facilities of the customer or of the third party). The customer or third party is responsible for engineering its portion of the jointly provided ring.

Connection to EDSS partial ring service is limited to high-speed fiber connection to the Company backbone network fiber optic facilities and the fiber optic facilities of the customer or of a third party. Partial ring service may only be connected to (1) another partial ring provided by the Company or (2) suitable ring facilities provided by the customer or third party. The portion of the ring provided by the customer or third party must use vendor equipment that matches the equipment used by the Company and must maintain the same vintage in software release as the Company. Upon written notice by the Company, the customer or third party will have sixty (60) days in which to complete the change out of any software release deployed by the Company.

Connection to EDDSS partial ring services may occur at the customer premises at which location the connection will occur via a node or at a mutually agreed upon location where connection occurs via a high-speed interface. Connection to other Company services may not occur at the mutually agreed upon high-speed interface. Such location will be designated as a customer premises for the purpose of administering the general regulations set forth in this tariff.

**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.4 Regulations (Cont'd)****A. Provision of Service (Cont'd)****3. Ring-on-Ring**

When EDSS is provided in a ring-on-ring design, the following applies:

- a. The lower speed ring must have a minimum of two nodes located at the customer premises or one node at the customer premises and one node at the CO.
- b. The Company must provide the lower speed nodes.
- c. Each lower speed node must subtend off of its corresponding higher speed node.

**4. Port Types**

- a. The type of ports that are supported on a node may limit the maximum number of ports that are provided on that node. Accepted port speeds are as follows.

<b>Enhanced Nodes =</b>	<b>OC3</b>	<b>OC12</b>	<b>OC48</b>	<b>OC192</b>
DS1 Ports	X	X	X	X
DS3 Ports	X	X	X	X
DS3 Transmux Ports	X	X	X	X
STS1 Ports	X	X	X	X
OC3 Ports		X	X	X
OC3c Ports		X	X	X
OC12 Ports			X	X
OC12c Ports			X	X
OC48 Ports				X
OC48c Ports				X
Ethernet Ports				
GigE-1 Ports		X	X	X
GigE-3 Ports		X	X	X
GigE-6 Ports		X	X	X
GigE-9 Ports		X	X	X
GigE-12 Ports			X	X
GigE-24 Ports			X	X

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.4 Regulations (Cont'd)****A. Provision of Service (Cont'd)****4. Port Types (Cont'd)**

- b. Changes in month-moth ports are treated as disconnects and subsequent installations.
- c. When high capacity services are provided between two EDSS rings, the associated ports must be symmetrical.
- d. When a lower capacity service is dripped from an EDSS, the associated ports will be billed to the lower capacity service. Lower capacity services may not be dropped at locations utilizing a high-speed interface.
- e. Ports may be ordered in a symmetrical arrangements (e.g., DS3 Port to DS3 Port), an asymmetrical arrangmenet (e.g., OC12 Port to DS3 Port) or in certain transmuxing arrangements as specified following. Ethernet ports may only be ordered in symmetrical arrangements. Ports are not provided where a high-speed interface is utilized.
- f. When transmuxing arrangements are ordered in symmetrical or asymmetrical port combinations, the following conditions apply:
  - An DS1 port associated with a DS3 Tranmix port may not coexist as a separate DS1 port with the same EDSS node.
  - An end-to-end DS1 service provided over EDSS may not be associated with more than one DS3 Transmux port.
  - DS3 Transmux ports are available at premises nodes or at CO nodes.
  - The higher speed port of an asymmetrical port combination will be mapped basedon the speed of the connecting service and port.

**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.4 Regulations (Cont'd)****A. Provision of Service (Cont'd)****4. Port Types (Cont'd)**

g. For all other asymmetrical port combinations, the following conditions apply:

- The higher speed port will be mapped based on the speed of the connecting service and port. The higher speed port is referred to as a Stub Hub Port in the arrangement.
- The Stub Hub Port is only available at a premises node.
- Asymmetrical port arrangements (Stub Hubs) are not provided on partial ring configurations.
- The lower speed port(s) can be provided at customer premises and CO nodes.

h. Asymmetrical ports are available in the following combinations:

	<b>Node Speeds</b>	<b>Port Combinations</b>	
OC3 EDSS Ring	OC3 – OC3	STS1 – DS3	
OC12 EDSS Ring	OC12 – OC12	STS1 – DS3	
			OC3 – DS3
		OC3 – DS1	OC3 – STS1
		DS3 – DS1	
OC48 EDSS Ring	OC48 – OC48	DS3 – DS1	
		OC3 – DS3	OC3 – STS1
		OC12 – DS3	OC12 – STS1
		OC12 – OC3	OC12 – OC3c
OC192 EDSS Ring	OC192 – OC192	DS3 – DS1	
		STS1 – DS3	
		OC3 – DS3	OC3 – STS1
		OC12 – DS3	OC12 – OC3c
		OC48 – DS3	OC48 – STS1
		OC48 – OC3	OC48 – OC3c
		OC48 – OC12	OC48 – OC12c

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.4 Regulations (Cont'd)**

- A. Provision of Service (Cont'd)
- 5. Interfaces

EDSS is only available for the following interface combinations:

- DS1 – DS1
- DS1 – STS1
- DS3 – DS3
- DS3 – DS1
- STS1 – STS1
- OC3 – STS1
- OC3 – OC3
- OC3 w/DS3 mapping – DS3
- OC3 w/DS1 mapping – DS1
- STS1 w/DS3 mapping – DS3
- STS1 w/DS1 mapping – DS1
- OC3c – OC3c
- OC12 – STS1, DS3, OC3, OC3c & OC12
- OC12c – OC12c
- OC48 – STS1, DS3, OC3, OC3c, OC12, OC12c & OC48
- OC48c – OC48c
- Gigabit Ethernet
- GigE1- GigE1 (mapped as 1 STS1 channel)
- Gig E3 – GigE3 (mapped as 3 STS1 channels or 1 STS3c channel)
- Gig E6 – GigE6 (mapped as 6 STS1 channels or 1 STS6c channel)
- Gig E9 – GigE9 (mapped as 9 STS1 channels or 1 STS9c channel)
- Gig E12 – GigE12 (mapped as 12 STS1 channels or 1 STS12c channel)
- Gig E24 – GigE24 (mapped as 24 STS1 channels or 1 STS24c channel)

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.4 Regulations (Cont'd)**

- A. Provision of Service (Cont'd)
- 6. Mileage
  - a. EDSS Mileage on a full ring is the total of airline distances between nodes rounded up to the nearest mile.
  - b. EDSS Mileage on a partial ring is the total of airline distances between connection locations and each node on the partial ring. The total mileage is then rounded up to the nearest mile.
  - c. The mileage rate is based on total ring capacity and not on individual services between nodes. For example, the mileage charge for a four-node OC3 ring with 5.1 miles between each node (20.4 total miles) would be calculated by multiplying the OC3 mileage rate by 21 miles. This mileage calculation applies regardless of the number of services (e.g., DS3s) on the ring.
- B. Commitment Period
  - a. EDSS is available for 3, 5 and 7-year commitment periods, for ports, nodes, mileage and high-speed interfaces. Ports are also available on a month-to-month basis. Ports and nodes added subsequent to the initial installation may be coterminous to the expiration date of the EDSS provided the addition is prior to the 21st month for a 3-year plan, prior to the 36th month for a 5-year plan, or prior to the 50th month for a 7-year plan. Ports and nodes added after the aforementioned periods require extending the commitment period for an additional one year for a 3-year plan, additional 2 years for a 5-year plan, or an additional 3 years for a 7-year plan. Ports, in a month-to-month plan, may be added at anytime. The added nodes must be at the same or lower speed as the existing nodes.
  - b. Monthly recurring rates apply for the ports, nodes, mileage and high-speed interfaces. Once a term period expires, the prevailing rates of the current plan will continue until the customer cancels service or requests a new term plan.
  - c. Nonrecurring charges for ports apply on a first and additional basis. To qualify as first and additional, the ports must be like-ports installed at the same node at the same time. Nonrecurring charges apply to the initial installation of ports purchased on a month-to-month basis, and to the subsequent installations of all ports and nodes.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.4 Regulations (Cont'd)****C. Service Interruption****1. Credit Allowance Applies:**

- a. EDSS is guaranteed service restoral within one minute in the event of a service interruption except as specified in 2 following. Any service interruption greater than one minute due solely to a Company facility failure will result in a credit allowance of 100% of the monthly rate for the applicable rate elements of the affected service, provided that the interruption is brought to the attention fo the Company within 10 days. The total credit allowance in any one billing period cannot exceed 100% of the customer's monthly rate for the affected rate elements, regardless of the number or length of the service interruptions within a billing month.

**2. A Credit Allowance Does Not Apply for:**

- a. Service interruptions of less than one minute.
- b. Service interruptions caused by the negligence of the customer or authorized user.
- c. Service interruptions resulting from the failure of equipment or systems provided by the customer or authorized user.
- d. Service interruptions during any period in which the Company is not afforded access to a premises for testing and/or repair service.
- e. Service interruptions when the customer has released the service to the Company for maintenance purposes to make rearrangements or for the implementation of an order for a change in the service during the time that was negotiated with the customer prior to the release of that service.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.4 Regulations (Cont'd)****C. Service Interruption (Cont'd)****2. A Credit Allowance Does Not Apply for: (Cont'd)**

- f. Service interruptions which continue due to the failure of the customer to authorize the replacement of any element of special construction. The period during which no credit allowance will be made begins on the seventh day after the customer receives the Company's notification of the need for replacement and ends on the day after the Company receives the customer's authorization for replacement.
- g. Service interruptions during periods when the customer elects not to release the service for testing and/or repair.
- h. Service interruptions during periods when the customer or user has released the service for rearrangement purposes or for the implementation of a customer order.



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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.5 Termination Liability**

- A. Termination liability applies to EDSS service, and is charged per rate element on all ports, nodes, mileage and high-speed interfaces, except month-to-month ports for which the one-month minimum service charge applies.
- B. EDSS service may be canceled without termination liability when cancellation of the service occurs within 30 days of the effective date of a Company initiated rate increase of 8% or more on any rate applicable to EDSS service.
- C. Termination liability will not apply if a customer changes to a longer term commitment period, and the number of services or ports included in the new commitment period remain the same or increase.
- D. Termination liability will not apply to a customer upgrade (change to a higher capacity) of an EDSS node or port, if all of the following conditions are met:
  - 1. A new commitment period commences with the upgrade.
  - 2. The new expiration date must extend beyond the discontinued plan date.
  - 3. The new EDSS service is provided at the same customer and/or Company location(s) as the discontinued plan.
  - 4. Additional nodes and ports added at the time of the upgrade incur all applicable rates and charges.
- E. Customer can move a node from one location to another location without incurring termination liability providing that all of the following conditions are met:
  - 1. A new commitment period commences with the move.
  - 2. The new expiration date must extend beyond the date of the disconnected plan date.
  - 3. The customer accepts a temporary interruption of the existing service in order to establish the new service.
  - 4. The new service is ordered at the same time as the service being disconnected.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.5 Termination Liability (Cont'd)**

- F. Termination liability will apply when the the conditions above are not met and the customer cancels service prior to expiration of the plan period. If the cancellation occurs within the first two years of a term plan, termination liability is equal to 100 percent of the monthly charges fo rhte unexpired portion of the first two years, and 25 percent of the monthly charges for the remainder of the plan. If the customer cancels after the first two years of service, then termination liability is equal to 25 percent of the monthly charges for the remaining life of the term.
- G. For EDSS with a commitment period which was extended under 1.5.6 following, termination liability is calculated as the difference between the monthly rates for the highest commitment period that could have been satisfied prior to disconnection fo the service or cancellation fo the plan and the monthly rates for the extended commitment period for the period of time the service was in effect.
- H. Customers who wish to move or convert existing High Capacity services to an EDSS may do so without conversion charges (termination liability and installatin charges) as long as the total capacity of service purchased by the customer does not decrease.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.4 Enhanced Dedicated SONET Service (Cont'd)****12.4.6 Extension of a Commitment Period**

- A. For EDSS, the customer also has the option, within sixty (60) days prior to the expiration date for its commitment period, to extend its expiring term plan to a plan with a longer commitment period. The commitment period selected for the extended plan must be longer than the commitment period of the expiring plan as follows:
- An expiring 3-Year Term may be extended to either a 5-Year or 7-Year Term Plan
  - An expiring 5-Year Term may be extended to a 7-Year Term Plan
- B. Time-in-service on the expiring plan will be granted and applied towards the new extended plan. For example, an expiring 3-Year term plan will allow 3 years of time-in-service credit towards a 5-Year or 7-Year extended Plan.
- C. The discount percentage associated with the extended plan will apply effective with the first bill date following expiration for the commitment period for the existing plan and will continue through the remainder of the commitment period associated with the extended plan. No adjustment for the increased discount percentage associated with the extended plan will be made to the monthly rates already billed on the expiring plan.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.5 SONET Point-to-Pont Service (Cont'd)****12.5.1 General**

- A. SONET Point-to-Point Service (SPTP) provides high speed, synchronous optical fiber-based, full duplex data transmission capabilities. SPTP is provisioned over the Company's SONET network and provides customers with SONET-based broadband transports with the following capabilities.

OC3, OC3c or STM-1      Transmission services operating at the bit rate of 155.52 Mbps

OC12, OC12c              Transmission services operating at the bit rate of 622.08 Mbps

OC48, OC48c              Transmission services operating at the bit rate of 2.488 Gbps

**12.5.2 Service Description**

- A. SPTP provides transport at the optical level between a customer's locations or between a customer's premises and a Company wire center, where it connects with another service of equal speed.

SPTP is transported over a shared network infrastructure and remains optical throughout the path. Depending on the service rate (payloads consisting of 3, 12 or 48 separate Synchronous Transport Signals (STS1s) with OC3, OC12 or OC48), separate overheads are transported. SPTP service is also offered in a concatenated format (one single channel with one single overhead) at service rates of OC3c, OC12c and OC48c.

The same payload content is maintained throughout the service (i.e., if DS1s are mapped by the customer at one end. DS1s must be mapped at the other end of the service). SONET equipment is required throughout the circuit.

- B. The service is available at month-to-month, and 3-year and 5-year term pricing plans. A 12-month minimum billing period applies. Month-to-month, 3-year and 50year term pricing plan rates are not fixed and will vary based upon the rates in effect in the tariff.

- C. The technical specifications for SPTP service are delineated in Technical Reference GR-253-CORE, Issue 3. When provided with Synchronous Transport Module (STM-1) transmission, the technical specifications are delineated in Technical References ITU G707, ITU G708 and ITU G709.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.5 SONET Point-to-Pont Service (Cont'd)****12.5.2 Service Description (Cont'd)**

- D. SPTP services may be configured as follows:
- OC3 3 STS1 channels each of which may consist of:
    - a DS3 that is STS1 mapped
    - up to 28 DS1s that are Virtual Tributary (VT) mapped
    - an STS1 channel without constraint to payload mapping
  - OC3c A single concatenated STS3c channel
  - STM1 Synchronous Digital Hierarchy (SDH) channel of 155.52 Mbps
  - OC12 12 STS1 channels each of which may consist of:
    - a DS3 that is STS1 mapped
    - up to 28 DS1s that are VT mapped
    - an STS1 channel without constraint to payload mapping
  - OC12c A single concatenated STS12c channel
  - OC48 48 STS1 channels each of which may consist of:
    - a DS3 that is STS1 mapped
    - up to 28 DS1s that are VT mapped
    - an STS1 channel without constraint to payload mapping; or
    - 16 separate concatenated STS3c channels; or
    - 4 separate concatenated STS12c channels; or
    - any combination of the above configurations up to the total OC48 capacity
  - OC48c A single concatenated STS48c channel

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.5 SONET Point-to-Pont Service (Cont'd)****12.5.3 Regulations**

- A. All rate elements associated with an PTP service that is provided on a point-to-point basis between customer designated premises must be in the same rate plan.
- B. When SPTP is ordered with STM transmission, both of the customer-disentated premises must use STM transmission.
- C. SPTP is deployed upon customer request, and is available based on negotiated installaion intervals. Where suitable SONET facilities are not available, special construction rates and charges may apply.
- D. The customer must provide, at no cost to the Company, suitable and security space, suitable environmental conditions and uninterrupted power supply, building entrance facilities and conduit for placement of the facilities and network equipment at its locations as necessary to provide the service.
- E. SPTP services, which are provided on a month-to-month basis, are subject to a one-year minimum service requirement. If service is disconnected during the first year, the minimum period charge is 100% of the monthly rate from the date of disconnection through the end of the first year.
- F. SPTP services which are provided under 3-year or 5-year term plans are subject to termination liability if service is disconnected prior to the end of the term plan.

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.5 SONET Point-to-Pont Service (Cont'd)****12.5.3 Regulations (Cont'd)****G. Termination Liability**

1. If the disconnect occurs during the first year of service, termination liability is calculated at 100% of the monthly charges for the unexpired portion of the first year, and at 15% of the monthly charges for the remainder of the term plan.
2. If the disconnect occurs after the first year of service, termination liability is calculated at 15% of the monthly charges from the date of disconnection through the remainder of the term plan.
3. Termination liability will not apply:
  - a. When cancellation of the SPTP service occurs within thirty days of the effective date of a Company-initiated rate increase and the customer's total monthly rate for the affected service increased by 8% or more;
  - b. When the service is changed to a longer SPTP term plan;
  - c. When the service is changed to an SPTP service of a higher bit rate with a new, equal or longer, term plan; or
  - d. When the service is converted to Enhanced Dedicated SONET Service.

**H. Expiration – At the expiration of a 3-year or 5-year term plan, the rates for the expiring term plan will continue until the customer either cancels service or orders a new plan****I. A change in port or channel termination will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service. A new minimum period will be established for the new service. The customer will also be responsible for all outstanding minimum service period obligations associated with the disconnected service.**

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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.5 SONET Point-to-Pont Service (Cont'd)****12.5.3 Regulations (Cont'd)****J. Credit Allowance**

1. Any single service outage of four hours or more due solely to a Company facility failure will result in a credit of 100% of the monthly rate for the applicable rate elements affected, provided that the interruption is brought to the attention of the Company within 10 days. The total credit allowance in any one billing period cannot exceed 100% of the customer's monthly rate for the affected rate elements, regardless of the number or length of service interruptions within a billing month.
2. When credit allowance does not apply for:
  - a. Service interruptions of less than four hours;
  - b. Service interruptions caused by the negligence of the customer or authorized user;
  - c. Service interruptions resulting from the failure of equipment or systems provided by the customer or authorized user;
  - d. Service interruptions during any period in which the Company is not afforded access to premises for testing and/or repair of service;
  - e. Service interruptions when the customer has released the service to the Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service during the time that was negotiated with the customer prior to the release of that service;
  - f. Service interruptions that continue due to the failure of the customer to authorize replacement of an element of special construction or
  - g. Service interruptions during periods when the customer elects not to release the service for testing and/or repair.



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**SECTION 12- ADVANCED DATA SERVICES (Cont'd)****12.5 SONET Point-to-Point Service (Cont'd)****12.5.4 Application of Rates and Charges**

- A. Monthly Recurring Charges – Apply to Local Distribution Channels (LDCs) and the Channel Mileage (Fixed and Per Mile) rate elements.
  - 1. Local Distribution Channels – The LDC rate element combines the Channel Termination and port (protected or nonprotected) to provide the single LDC Charge. LDCs apply to that portion of the SONET Point-to-Point Service connecting two specific customer locations or connecting a customer location to the Company's serving wire center. Typically, a LDC is found at each end point.
  - 2. Channel Mileage – The calculation of this charge is based on a fixed mileage component and per airline miles between two serving wire centers.
- B. Nonrecurring Charges – Apply to Local Distribution Channels (LDCs) only.

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**SECTION 13 – CENTREX SERVICE****13. Centrex Service****13.1 Description**

Rates and charges for service explained herein are contained in Section 20.

**13.1.1 General**

- A.** Centrex is a business telecommunications system in which the controlling dial switching equipment is located at a Company analog or digital central office that normally serves the principal premises of a customer.
  - 1.** Centrex is offered to customers with an initial requirement of 2 lines.
  - 2.** For new and existing customers with 200 or more main station lines, the Facility bases Payment Option (FPO) is available. Refer to DTE MA No. 12 for regulations pertaining to Centrex FOPs.
- B.** **Exchange Usage** - Subject to the provisions in Part A, Section 1 and Section 5, Centrex is available on a measured or unlimited service basis in accordance with service offerings in the exchange of connection. In Metropolitan Boston exchanges, only measured service is provided.
- C.** Centrex is available to hotels, motels or similar establishments for the use of management, residential guests and tenants.
- D.** Centrex is a residence telecommunications systems when provided as Student Resident Centrex (SRC) service. SRC is offered only as an FPO for large systems.
- E.** Centrex is offered only when suitable central office facilities are available.
- F.** **Basic Features** provides as part of the Centrex offering are as follows:
  - 1. Direct Inward Dialing (DID)** allows incoming calls from the local exchange and long distance network to reach an individual station or group of stations in the system without the assistance of the attendant.
  - 2. Direct Outward Dialing** permits stations of the system to gain access to the local exchange and long distance network without the assistance of an attendant by dialing an access code (generally the number 9).
  - 3. Station-to-Station Dialing** (Dial Intercommunication) enables individual station users in the system to directly dial other stations in the same system without the assistance of an attendant.

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**SECTION 13 – CENTREX SERVICE (Cont'd)****13.1.1 General (Cont'd)**

4. **Automatic Identification of Outward Dialing** provides for recording and identifying by station line of Company billed outward direct dialed and operator handling long distance calls.

G. **Basic Line Classes** (station treatments) provided as part of the Centrex offering are as follows.

1. **Unrestricted** lines are those arranged to originate and receive local exchange, long distance and intercommunicating calls.
2. **Partially Restricted Originating** lines are those arranged only to receive local exchange and long distance calls and to intercommunicate with other stations in the system.
3. **Partially Restricted Terminating** lines are those arranged only to originate local exchange and long distance calls and to intercommunicate with other stations in the system.
4. **Fully Restricted** lines are those arranged for intercommunicating calls only.

H. **Adjunct Features** either standard or optional, may be provided depending upon the type of Centrex systems and the switching equipment of the serving central office.

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**SECTION 14 – ADJUNCT FEATURES****14. Adjunct Features****14.1 Centrex Line Administration System (CLAS)**

Rates and charges for services explained herein are contained in Section 20.

**14.1.1 Description**

- A.** CLAS is an option feature arrangement available to analog and digital Centrex and superseded Centrex customer served from suitably equipped central offices, subject to the availability of facilities.
- 1.** CLAS permits customers to participate in the administration of a Centrex system by making certain changes in the Centrex line and feature arrangements on all lines in the Centrex system (except for those specified in Section 2.1.1C) without the issuance of regular Company service orders. The customer participates in making these changes through dial up access to Company facilities using a compatible customer provided data terminal by entering the translation change messages as prompted by CLAS.
  - 2.** CLAS provides a means for customers to maintain a directory of Centrex line telephone numbers and to produce a per line inventory for customers verification of features.
- B.** CLAS allows the following standard package of feature capabilities to be available for all compatible lines in a Centrex systems.
- 1.** Access to call Pickup Groups
  - 2.** Access to Speed Dialing Six Groups
  - 3.** Access to Speed Dialing Thirty Groups
  - 4.** Call Forwarding Busy Line
  - 5.** Call Forwarding Don't Answer
  - 6.** Call Forwarding
  - 7.** Call Hold
  - 8.** Call Waiting Terminating
- C.** Lines which are considered incompatible with CLAS are those associated with the following.
- 1.** Attendant Lines

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.1.1 Description (Cont'd)**

2. Make Busy
3. Multi-Line Hunt Groups
4. Night Service Arrangements
5. Spare Numbers within a Customer Group
6. Special Hardware/Software Configurations
7. Stop Hunting Arrangements
8. Centrex Local Area Network

**14.1.2 Application of Rates and Charges**

- A. **Service Establishment** charges apply for the initial activation of CLAS. These charges are capped per system at \$5,000.
- B. **Termination Charges** do not apply to change from individual electronic central office features to CLAS, limited to those individual features that are provided as standard with CLAS.
- C. No monthly rates are application of CLAS standard feature capabilities on CLAS equipped systems.

**14.2 Electronic Tandem Switching (ETS) Features****14.2.1 Description**

ETS features are provided subject to the availability of facilities only to those locations with Centrex service furnished from No. 1/1A Electronic Switching Systems (ESS) central office equipment with the appropriate generic program. Automatic Route Selection Deluxe and Facilities Restriction Levels are prerequisites for ETS features.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.2.1 Description (Cont'd)**

- A. Automatic Route Selections (ARS) Deluxe** provides automatic routing of outgoing calls over alternative customers facilities base on the call destination. The telephone user or Centrex attendant dials a facilities access code (e.g., level 8) followed by a ten-digit DDD number. The Centrex routes the call over the first available special trunk facility (such as WATS, FX, or other similar facility equipped to accept a DDD-like number) checking in a customer specified sequence. DDD overflow may be included as a final route. Alternative routes may also include tie lines to a distance Centrex or Private Branch Exchange (PBX) equipped with ARS Deluxe. When such routing is used, the facilities restriction level associated with the call is transmitted to the distant Centrex or PBX as traveling class mark which is only provided in conjunction with uniform numbering. This feature provides all number translations and supervision necessary to route the call including the capability to route calls off network via a main PBX or Centrex. Incoming tie lines from subtending locations (i.e., main or tributary PBXs or Centrex's) may be arranged to have automatic access code to use ARS Deluxe. Route Selection Pattern by NPA and Central Office Codes provides for routing to one NPA area code or to one or more central office codes within the NPA per pattern.
- 1. Time of Day Routing** permits selection of first choice and alternate routes for off network routed calls to vary depending on which of up to three sets of ARS Deluxe routing patterns is in effect. This permits the customer to take advantage of variations in long distance calling rates or traffic patterns as a function of time. Both automatic and manual controls of ARS Deluxe routing pattern selections are provided.
- B. Customer Administration and Control** permits the customer to administer station and electronic tandem switching features and to obtain traffic measurements and recent circuit assurance data from one or more switching locations. One central office common equipment is required in connection with furnishing the Facilities Administration and Control and/or Traffic Data to the Customer.
- 1. Facilities Administration and Control** provides customer administration of the assignment of parameters that determine user calling privileges, such as facilities restriction levels and authorization codes. Manual control (override) of time of day routing and activation and deactivation of trunk group queues are provided.
- 2. Traffic Data to Customer** provides the customer with the capability to automatically poll switching locations on a daily or hourly basis to obtain traffic measurements, including peg counts, usage, and overflow data in connection with appropriate customer premises equipment. Summary reports, exception reports and complete traffic register outputs may be obtained. The status of time of day routing is included in the traffic data.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.2.1 Description (Cont'd)**

- C. **Deluxe Queuing** permits telephone users to be placed in a queue whenever all routes for completing a particular call are busy. The queue may be a Ringback Queue (RBQ), in which case the user goes on-hook and is called back when a trunk becomes available, or an Off-Hook Queue (OHQ), in which case the user remains off-hook and is connected to a trunk when it becomes available. Telephones may be designated either RBQ or OHQ. Telephones at tributary locations connected to the ESS Centrex by tie lines are limited to OHQ. The customer may specify OHQ or RBQ on a per Centrex group basis for all telephones in the ESS Centrex group. Tie trunk originated calls must be served by OHQ if queuing is to be provided to such calls. OHQ Slot With Music requires music on queue common equipment. The customer can select one of the following options:
1. **All OHQ** from telephones at the equipped Centrex and subtending locations
  2. **All RBQ** from telephones at the equipped Centrex and subtending locations
  3. **Combined** - RBQ from telephones at the equipped Centrex and OHQ from subtending locations
- D. **Facilities Restricted Levels (FRL)** - Associated with each authorization code, each ETS Centrex station line, and each incoming tie line group from subtending locations, this feature determines both the types of calls and types of facilities within the calling privileges of the associated user. The FRL is used in routing calls via ARS Deluxe and (if provided) Uniform Numbering/Automatic Alternate Routing. When the FRL is transmitted over a tie line to a distant PBX or Centrex equipped with ARS Deluxe, it is called a traveling class mark. Up to eight FRLs may be provided.
1. **Controlled Alternative Facilities Restricted Levels** - FRLs associated with the station lines, incoming tie trunks and authorized codes may be upgraded or downgraded in accord with the predetermined alternative sets of FRLs. The alternative FRLs are controlled from the attendant console.
  2. **Traveling Class Marks (TCM)** permits the ARS Deluxe feature at a distant PBX or Centrex to determine the best available facility consistent with the user's calling privileges. When the ARS Deluxe feature chooses a tie line to a distant location, the TCM is sent over the tie line. The TCM is equivalent to the FRL.
  3. **Authorization Code** provides for a telephone user to dial a code which overrides the FRL associated with that telephone line or incoming tie line (main, satellite, or tributary user). The equipped ESS Centrex requests dialing of the authorization code when the default FRL (i.e., the FRL associated with the telephone line or incoming tie line) has insufficient privileges to complete the call. The authorization code may be recorded in the station message detail recording record of the call.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.2.1 Description (Cont'd)****E. Station Message Detail Recording (SMDR)**

1. SMDR-P provides for collection (and transmission of the customer's premises via dedicated facilities) of message detail records associated with calls placed using the ARS Deluxe and Uniform Numbering/Automatic Alternative Routing. Centrex station lines or specified facility groups can be arranged for the recording of SMDR records.
2. Customers with SMDR service connected prior to January 9, 2003 may retain their service unless their designated premises is moved, or they request a change to the service that results in disconnection of the service.

**F. Uniform Numbering/Automatic Alternative Routing (UN/AAR)** provides automatic routing of calls between customer locations interconnected by tie liens. The telephone user or attendant dials an access code followed by a seven-digit number that identifies each customer station line. The number consists of a three-digit number code and a four-digit telephone code. This feature provides the number translation and supervision necessary to route the call. When the same access code(s) is followed by a ten-digit DDD number, the call is automatically routed via ARS Deluxe. When the call is terminated in UN/AAR, an ETS-type tie line and ETS-type group termination is required. The ETS-type tie line and TES-type group termination are provided in association with the ARD Deluxe and/or UN/AAR.

1. **Automatic Alternative Routing** provides automatic routing of tie line calls over up to four alternative tie trunk groups. Facilities are selected in descending order of desirability for placing a particular call.
2. **Automatic Overflow to DDD** provides that the call may be optionally routed via the local exchange access to the listed directory number or DID equipped telephone at the distant PBX or Centrex when all tie lines are busy. (The DID telephone number and uniform number must be the same).

**14.2.2 Application of Rates and Charges**

- A Service Establishment** charge applies for the installation or subsequent additions of the ETS features.
- B. Deluxe Queuing Music on Queue.** - The connecting channel between the serving central office common equipment and the music source on the customer premises will be provided at rates and charges for the appropriate private line voice grade channel.



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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.2.2 Application of Rates and Charges (Cont'd)**

- C. Station Message Detail Recording to Premises** - The per facility terminated in ARS-D or UNI/ARR patterns charge applies to each facility terminated in ARS-D or UN/AAR patterns whether or not an originating record is provided to the customer.
1. Data channels required between serving central office common equipment and terminal equipment on customer premises are provided at rates and charges for private line data channels.
- D. Facilities Restriction Levels** for Centrex station and incoming or two-way tie line terminations, when associated with ETS group terminations will have nonrecurring charges and monthly rates applied per tie line channel arranged.

**14.3 Electronic Central Office Features****14.3.1 Description**

Electronic central office features are provided subject to the availability of facilities, only to those locations with Centrex furnished from No. 1ESS central office equipment with the appropriate generic programs.

**A. Telephone Features**

1. **Automatic Callback** enables a telephone user calling a busy Centrex line to be automatically connected to the called line when the line becomes idle.
2. **Call Forwarding Busy Line** provides for the automatic routing of incoming DID, CCSA and selected tie line calls to a preselected Centrex line when the called Centrex line is busy. This feature is not provided on a station line with Call Waiting. This feature is provided as a standard feature capability with CLAS and Nova Centrex.
3. **Call Forwarding Don't Answer** provides for the automatic routing of incoming DID, CCSA and selected tie lines to a preselected Centrex line when the called telephone number does not answer within a predetermined number of rings. This feature is provided as a standard feature capability with CLAS and Nova Centrex.
4. **Call Forwarding Over Private Facilities** allows calls directed to a Centrex line to be routed to a location outside the Centrex group using a specific selected facility or network, regardless of the busy or idle status of the called Centrex line.
5. **Call Forwarding** allows a Centrex line to have incoming calls forwarded to another line within the Centrex system or to DDD numbers outside the Centrex system. During times when the feature is activated, the line may be used in the normal manner for outgoing calls. This feature is provided as a standard feature capability with CLAS and Nova Centrex.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.3.1 Description (Cont'd)**

6. **Call Hold** allows a Centrex telephone user to place any established call on hold by depressing the switchhook and dialing a preassigned code leaving the Centrex line free to originate another call. This feature is available only with Centrex II and Customer Centrex Systems. This feature is provided as a standard feature capability with CLAS and Nova Centrex.
7. **Call Pickup** allows a Centrex telephone user to answer any call to another Centrex line within its present pickup group by dialing a special code. Access to a call pickup group is provided as a standard feature capability with CLAS and Nova Centrex.
8. **Call Transfer All Calls** allows the Centrex telephone user to transfer all types of calls (inward, outward, and internal). This feature is available only with Centrex II, Custom and Nova Centrex.
9. **Call Waiting** is not provided on a station line equipped with Call Forward Busy Line.
  - a. **Originating** allows a Centrex telephone user to direct an audible tone towards any other Centrex line which is busy.
  - b. **Terminating** allows a Centrex telephone user to receive an audible tone to indicate an upcoming DID, CCSA or selected tie line call is waiting, if the called line is already in use. Provided as a standard feature capability with CLAS and Nova Centrex.
  - c. **Dial Call Waiting Originating** allows a Centrex telephone user to direct an audible Call Waiting tone to a busy Centrex line in the same Centrex group by dialing a present code.
10. **Directed Call Pickup With Barge In** enables any Centrex station line to answer a call which has been answered or is ringing on another Centrex line equipped with this feature by dialing a preset code. Call Pickup is a prerequisite for this feature.
11. **Directed Call Pickup Without Barge In** enables any Centrex station line to answer a call which is ringing on another line equipped with this feature by dialing a preset code. Pickup is a prerequisite for this feature.
12. **Speed Dialing Six Code** allows a Centrex telephone user to dial a single-digit code to originate a call to any of six programmed telephone numbers. Access to six number lists is provided as a standard feature capability with CLAS and Nova Centrex.
13. **Speed Dialing Thirty Code** - allows a Centrex telephone user to dial a two-digit code to originate a call to any of 30 programmed telephone numbers. Access to 30 number lists is provided as a standard feature capability with CLAS and Nova Centrex.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.3.1 Description (Cont'd)****B. Automatic Attendant Services**

1. **Automatic Route Selections (ARS)** provides access to automatic routing of outgoing calls over alternative customer facilities based on the DDD number. The Centrex telephone user dials the ARS access code followed by a DDD number. The Centrex routes the call over the first available special trunk facility (such as WATS, FX or off-net CCSA) checking in a customer specified sequence. Overflow routing to DDD network is optional.
2. **Outgoing Trunk Queuing WATS** allows Centrex telephone users by dialing a preselected code, to have their call held in queue, if all the WATS facilities associated with direct dial access or with ARS are in the use for prior calls. The call is completed, without further dialing, when a facility becomes available, or on reaching the time limit in queue, is advanced to the preselected option. The calling telephone user must remain off-hook to retain the call in queue.
3. **Selected Customer Control Facilities** enables the Centrex attendant to control dial access to an individual facility group. All traffic is denied access to the affected facility group upon activation of this feature.
4. **Station Dial Code Screening** allows or disallows designated Centrex telephones or a group of telephones from completing calls to specified Numbering Plan Areas (NPA) and if required, to specified central office codes (NXXs) within those NPAs. Three or six-digit screening is provide. The following screening arrangements are available.
  - a. Arrangement I permits Centrex telephone originated calls to be completed to telephone numbers with selected NXXs in the home NPA or NPAs using the toll network.
  - b. Arrangement II permits Centrex telephone originated calls to be completed via arranged private network facilities to off-net telephone numbers with selected NPA and NXX Codes.
5. **Station Message Detail Recording (SMDR)**
  - a. SMDR-P provides for collection (and transmission to the customer's premises via dedicated facilities) of message detail records associated with calls placed using the ARS Deluxe and Uniform Numbering/Automatic Alternative Routing. Centrex station lines or specified facility groups can be arranged for the recording of SMDR records.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.3.1 Description (Cont'd)**

- b. Customers with SMDR service connected prior to January 9, 2003, may retain their service unless their designated premises is moved, or they request a change to service that results in disconnection of service.

**C. Other Features**

1. **Attendant Call Thru Test on Tie Trunks** allows the attendant to verify the operation of any tie trunk by selecting a particular trunk and making a test call on it by dialing a special code sequence.
2. **Attendant Camp On** allows an incoming exchange network or CCSA call, which the attendant attempts to complete to a busy station, to be held waiting and then automatically connected when the called line becomes available. An indication of the Camp On feature will be heard by the called station at the time the attendant attempts completion. This feature is controlled by the attendant and is provided on a per console basis.
3. **Busy Verification by Attendant** allows the attendant to establish a connection to an apparently busy station line or trunk to determine if the station line or trunk is in working order.
4. **Dial Through Attendant** allows the telephone user to complete the dialing on other than station-to-station calls after the attendant selects the facility on attendant handled calls.
5. **Inside/Outside Ringing** provides a unique pattern of telephone ringing to permit the telephone user to distinguish between different types of incoming calls. Three classes of inside/outside ringing will be available to users to identify the source of incoming calls.
  - a. **Class A** - Call source is intraCentrex
  - b. **Class B** - Call source is DID, Attendant Completed, CCSA and Tie Lines
  - c. **Class C** - Call source is Pre-empted Switched Circuit Automatic Network (SCAN) Access Line and Attendant Night Service
6. **Reminder Ring** provides for a distinctive ringing signal to be furnished to a Call Forwarding or Call Forwarding Over Private Facilities equipped telephone prior to the forwarding of a call to the distant location.
7. **Split Service Offering** permits segregation of Centrex station lines into separate groups thereby enabling each group to have a different set of common features.

**14.3.2 Application of Rates and Charges**

- A. **Service Establishment Charges** apply for initial and any subsequent electronic central office features.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.3.2 Application of Rates and Charges (Cont'd)**

1. **SMDR Tie Line, OCC Access Line or Foreign Exchange Line** - The service establishment charge is applicable only at the initial time the switching equipment is arranged to provide SMDR on either the initial tie line, OCC access line or foreign exchange line for each customer and is applicable to each switching equipment so arranged.
2. **Automated Attendant Service Selected Customer Control Facilities** - In addition to the rates and charges for the per facility group to which access is denied element, rates and charges will also apply for a Private Line Type 1001 channel between the serving central office and the customer premises.
3. **Busy Verification by Attendant of Trunk, and Busy Verification by Attendant of Line** - Only one nonrecurring charge applies if both features are installed at the same time.

**14.4 Centrex Diversion Arrangements****14.4.1 Description**

- A. Unrestricted or partially restricted station lines of Centrex system may be equipped so that attempts to dial toll calls or calls over toll tie lines, WATS lines, foreign exchange lines, or common control switching arrangement access lines result in the telephone user receiving a busy tone or being diverted to a Centrex system attendant. In addition, when suitable facilities permit, other diversion arrangements may be provided. A Centrex system or station may be equipped with more than one type of diversion arrangement.

**14.4.2 Application of Rates and Charges**

- A. Service establishment one time charges apply per arrangement and per line arranged. One time charges per line are capped per occasion, per system at \$200.00.

**14.5 Redirected Incoming Call Service****14.5.1 Description**

- A. Redirected incoming call is an optional feature that allows incoming calls to a disconnected main telephone exchange service number to be completed to a designated Centrex telephone number within the same central office. Customers may specify up to ten talk paths per disconnected number redirected. This is offered only in conjunction with Centrex and is offered subject to the availability of facilities.

1. Redirected incoming call does not provide for a directory listing.

**14.5.2 Application of Rates and Charges**

- A. Exchange usage charges apply for redirected calls involving a different central office control group. Local messages are provided at the local usage charges for measured business main telephone exchange service.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.6 Centrex Smart****14.6.1 Description**

- A.** Centrex Smart is an optional arrangement available from suitably equipped central offices where facilities permit. It is available to digital Centrex customers. It is not available when the subscriber completes or receives a call utilizing an interexchange carriers facilities.
- B. Call Management Features** may be ordered individually. They are as follows.
- 1. Busy Redial** - Automatically monitors and redials the telephone number of the most recent outgoing call. If the redialed telephone number is idle, the call complete immediately. If the redialed telephone number is busy, the called line is monitored for a maximum of 30 minutes. When the called line becomes idle, a distinctive ringing signal alerts the calling customer that the number is available and the call can be completed. The following types of calls cannot be automatically redialed
    - a.** Calls to 800 service numbers
    - b.** Calls to 900 service numbers'
    - c.** Calls to 931 service numbers
    - d.** Calls preceded by an interexchange carrier access code
    - e.** Calls made on an international direct distance dialed basis
    - f.** Calls to universal emergency number service (911)
    - g.** Calls to Directory Assistance service
  - 2. \*69** - Automatically redials the telephone number of the most recent incoming call. If the telephone number of the most recent incoming call is idle, the call completes immediately. If the telephone number is busy, the line of the most recent incoming call is monitored for a maximum of 30 minutes. When the line becomes idle, a distinctive ringing signal alerts the subscriber that the call now can be completed. The following types of calls cannot be returned.
    - a.** Calls from PBX station lines
    - b.** Calls from DID station lines
    - c.** Calls from lines equipped with line blocking
    - d.** Calls from lines which have activated per call blocking

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.6.1 Description (Cont'd)**

3. **Caller ID - Number Only** - Provides the originating telephone number, the date, and the time of an incoming call in the period between the first and second telephone ring. This information is displayed on a customer provide compatible display device attached to the customers digital Centrex line. Caller ID - Number Only is not provided on digital Centrex lines equipped with ISDN.
  4. **Caller ID** - Provides the telephone number and associated name in the Company's records with the line from which an incoming call originates. This information is displayed on a customer provided compatible display device attachment to the customer's digital Centrex line. Caller ID is nor provided on digital Centrex lines equipped with ISDN.
  5. **Call Trace** - Allows a customer to trace the most recent incoming call by dialing a code immediately after terminating the call. The Company's central office equipment records and stores the incoming call message detail (date, time, and originating telephone number of the call) provided that the all was completed over a suitably equipped facility and the customer has not received another call after the call to be traced was terminated. The results of the trace are not provided to the customer directly, but are automatically reported to the Annoyance Call Bureau where call details can be obtained by an appropriate law enforcement agency when the customer files a complaint.
  6. **Call Waiting ID With Name** - Allows a Caller ID with Name customer who is using the telephone and receives a second call via Call Waiting to see the telephone number and associated name in the Company's records of the line from which the second incoming call originates. This information is displayed on a customer provided compatible display device attached to the customer's digital Centrex line. Call Waiting ID with Name is not provided on digital Centrex lines equipped with ISDN.
  7. **Annoyance Call Rejections** - Allows a customer to redirect incoming calls, for which calling name and number display has been suppressed through the use of a per call or line blocking, to an announcement that the customer is nor presently accepting such calls. The customer may activate and deactivate the feature by dialing a code.
    - a. Upon receiving the anonymous call rejection announcement, the calling party may either reverse the blocking status of the line and redial the call or elect not to redial the call.
- C. Centrex Smart is offered on a subscription basis, with the exception of the call trace feature which is billed on a charge per activation, only when the attempt to trace and record the calling telephone number if successful.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.6.1 Description (Cont'd)****D. Blocking**

- 1. Per Call Blocking** an originating option that allows the customers to control the disclosure of their directory number on a call-by-call basis. When activated the option precludes the originating customer's number from being displayed on the terminating customer's Caller ID - Number Only display device and also prevents Call Return from completing a call. Per call blocking does not affect the operation of the other Centrex Smart features. Activation is accomplished by the calling party dialing the per call blocking activation code prior to initiating a call.
    - a.** Per call blocking is available in suitably equipped central offices.
    - b.** There is no charge associated with per call blocking.
  - 2. Line Blocking** allows customers to automatically block the disclosure of their directory number on all originating calls. The option precludes the originating customer's telephone number from being displayed on the terminating customer's Caller ID - Number only display device and also prevents \*69 from completing a call. Line blocking does not affect the operation of the other Centrex Smart features.
    - a.** There is no charge associated with the line blocking for the initial requests. Subsequent requests will incur a service order charge.
- E.** Centrex Smart requires technically compatible customer premises equipment in order for it to be provisioned in a satisfactory manner.

**14.6.2 Application of Rates and Charges**

- A,** Customer subscribing to call trace are subject to a case preparation charge when two successful attempts have been traced to the same telephone number or, at the customer's option, when a single successful attempt has been traced to a telephone number and the Company sends notification of the successful call trace investigation to the customer for his/her use with the appropriate law enforcement agency.
- B.** Anonymous call rejection is provided without charge on lines equipped with Caller ID - Number only, Caller ID or Call Waiting ID with Name.

**14.7 Centrex Call Management****14.7.1 Description**

- A. Centrex Call Management (CCM)** is an optional feature, available where facilities permit, that provides detailed records of originated Foreign Exchange (FX), Toll Free and Dedicated Toll, Free, compatible Private Line and Message Telecommunications Service Calls and summary records for originating local exchange and directory assistance.



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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.7.1 Description (Cont'd)**

- B.** Call detail information is provided by originating station number and includes date, time of day, calling number, called number, call duration as well as an estimated charge for the originating call. The rating will be based on standard industry rating tables. Interexchange Carrier (IXC) identification and facility type utilized in completing the call is also provided. Summary call information is provided by originating station number and includes the volume of calls.
- C.** **Local Usage Detail (LUD)** recording may be provided as an optional feature of CCM or as a stand alone feature. LUD is an arrangement which provides a detailed record of measured local, flat rated and metropolitan originating calls on a per station basis. The call detail record includes the calling station number, the called station number, date, time of day, length of call, zone and time of day rate classification and estimated charge for the originating call. LUD is available where facilities permit.
- D.** In order to identify the originating location of calls originated by compatible Private Line users, a station number must be assigned for the compatible Private Line Facility group. A maximum of 24 digits can be recorded on the compatible Private Line facility detail record.
- E.** The customer must designate the group or groups of facilities on which call detail is to be provided, and such detail will be provided on all facilities within each group selected.
- F.** There are two choices of media delivery available for CCM and Local Usage Detail (LUD) data:
- 1. Magnetic Tape** - The magnetic cartridge tape records are delivered in the Telcordia Technologies, Inc. Exchange Message Record (EMR) format.
  - 2. CD-ROM** - In addition to standard fields provided in the EMR format, records delivered on CD-ROM will include originating and terminating city identification as well as zip codes where available.
- G.** CCM and LUD call detail records provided via magnetic cartridges tape or CD-ROM are available on a calendar month basis only, and are not available on a customer billing month basis.
- H.** Call detail records are provided where carrier record information is compatible with CCM formatting.
- 14.7.2 Application of Rates and Charges**
- A.** CCM is not available on student residence or patient lines.
- B.** LUD is not available on FX lines.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.7.2 Application of Rates and Charges (Cont'd)**

- C. Termination Charges** - When CCM is disconnected within the minimum service period, termination charges apply. Termination charges will not apply for CCM systems moved to a location in the same or different central office. Termination charges will be determined based on the monthly rate in effect at the time the service is disconnected and will be due for the remained of the minimum service period. These termination charges will be based on the monthly rate and not on the per message rates.
- D.** When customers subscriber to both CCM and LUD, both types of messages are:
1. Included in the calculation of the message volumes for billing purposes and
  2. Provided on a single magnetic tape or CD-ROM.

**14.8 Digital Centrex Additional Features****14.8.1 Description**

- A. Digital Centrex Features** are available only to digital Centrex customers served by suitably equipped central offices where facilities permit.
1. **Directed Call Park** - Allows a station line to park a call against any directory number in the system. The parked call can be retrieved from any station line by dialing a feature code and the line number against which the call is parked.
  2. **Music on Hold** - Provides a system-wide music on hold capability. All calls placed on hold will be connected to a customer-provided music source.

**14.8.2 Application of Rates and Charges**

- A. Music on Hold** customers must also subscribe to a voice grade channel to connect to the customer-provided music source.

**14.9 Customer Moves and Changes (CMAC)****14.9.1 Description**

- A.** Customer Moves and Changes (CMAC) provided Digital Centrex I, Digital Centrex II, and Centrex Plus service customers with the ability to prepare, schedule, and implement, all under their control, certain feature changes and certain configurations of their digital Centrex service from the customer's computer terminal.
- B.** The management capabilities of CMAC include, but are not limited to, the following.
1. Service Option Information Changes:
    - a. **Service Level Assignment** - The customer can change the permission level assigned to define calling privileges associated with both facilities and station users.

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**SECTION 14 – ADJUNCT FEATURES (Cont'd)****14.9.1 Description (Cont'd)**

- b. Call Pickup Group** - The customer can establish a call-pickup group and add or delete members from an existing call pickup group.
  - c. Call Forwarding Number** - The customer can change the number that a station users forwards calls.
  - d. Authorization Code Assignment** - The customer can activate change, or deactivate authorization codes. The customer can also display the features associated with the authorization code for a particular user.
  - e. Button Features** - The customer can manage the buttons on a multi-button station set by either activating features or enabling call appearance (specific telephone numbers assigned to buttons).
- 2. Activation/Deactivation of Features** - The customer can either add a feature to a telephone number that does not have it, modify an existing feature, or take a feature off a telephone number that does. This function is limited to the features included in the feature packages subscribed to by the customer.
  - 3. Telephone Number Swaps** - The customer can swap telephone number assignments among like line within a digital Centrex Service System.

**14.9.2 Application of Rates and Charges**

- A.** CMAC rates are in addition to the rates and charges for the associated digital Centrex service and for other associated services.

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**SECTION 15 – PROVISIONS FOR OTHER SERVICES****15. Provisions for Other Services****15.1 Terminating Number Screening**

Rates and charges for services explained herein are contained in Section 20.

**15.1.1 Description**

- A. This arrangement is available subject to the availability of facilities in suitably equipped central offices. The following options are available.
1. **Option A** alerts operators throughout the country the collect and third number calls cannot be billed to a particular main station line number.
  2. **Option B** alerts operators throughout the country that third number calls cannot be billed to a particular main station line number.
  3. **Option C** alerts operators throughout the country that collect calls cannot be billed to a particular main station line number.

**15.1.2 Application of Rates and Charges**

- A. The Element 1 service charge and the nonrecurring charge apply if the terminating number screening arrangement is the only service being provided

**15.2 Selective Blocking Service****15.2.1 Description**

- A. Individual Centrex lines or the entire Centrex system may be blocked from access to vendor operated pay per call services such as 550, 900, 940, 976 etc.

**15.2.2 Application of Rates and Charges**

- A. Selective blocking is provided at no charge.

**15.3 Trunk Link Terminations****15.3.1 Description**

- A. Dial trunk line terminations permit the termination of WATS, foreign exchange or equivalent facilities of Other Common Carriers (OCC) in digital Centrex dial switching equipment for dial level access by stations of the system for outgoing calls. Manual trunk line terminations permit the designated answering location of a system to transfer incoming calls from WATS, foreign exchange or equivalent OCC facilities to other stations within the system.

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**SECTION 15 – PROVISIONS FOR OTHER SERVICES (Cont'd)****15.3.2 Application of Rates and Charges**

- A. The dial trunk line termination rate is not applicable to Centrex I, II or Custom Centrex. The manual trunk line termination is not available with Centrex I or Centrex II. Monthly rates apply per trunk.

**15.4 Tie Line Terminations****15.4.1 Description**

- A. Tie line terminations permit the termination of tie line channels into a Centrex system. Manual type tie line terminations are available for maintenance only, subject to supply.

**15.4.2 Application of Rates and Charges**

- A. A monthly rate applies to dial-type and manual-type tie line terminations.
- B. In addition, when a tie line channel connecting a Private Branch Exchange (PBX) and a Centrex system is arranged so that access to or from the exchange and toll network is available at the Centrex termination a measured or unlimited service monthly rate applies per tie line arranged.
- C. Rates and charges for Private Line Type 2001B channels apply for intraexchange or interexchange channels as required. For interexchange tie line channels, rates and charges for Centrex terminals apply in lieu of local channels when tie lines terminate only in Centrex switching equipment. In addition, the appropriate tie line termination rates and charges apply.

**15.5 Group Terminations****15.5.1 Description**

- A. Group terminations permit the termination of , High Capacity 1.544 Mbps, or fractional T-1 facilities into a Centrex system and are in lieu of trunk and tie lines terminations.

**15.5.2 Application of Rates and Charges**

- A. In addition to the rates and charges for group terminations, when 1.544 Mbps, High Capacity 1.544 Mbps, or Fractional T-1 tie line channels connecting a PBX and a Centrex system are arranged so that access to or from the exchange or toll network is available at the Centrex termination, a measured or unlimited service monthly rate applies per tie line channel arranged.
- B. In addition to the preceding rates and charges, appropriate rates and charges for 1.544 Mbps, High Capacity 1.544 Mbps, or Fractional T-1 facilities also apply.

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**SECTION 15 – PROVISIONS FOR OTHER SERVICES (Cont'd)****15.6 Advanced Private Line Termination Units (APLT)****15.6.1 Description**

- A.** APLTs are provided to terminate dial-type tie lines, private line facilities, and access lines from switched private line services in Centrex systems served from suitably equipped NO. 1ESS central offices or from No. 5 crossbar central offices. APLT units may also be used when compatible with and required for the termination of facilities furnished by an OCC.
- 1.** APLT units permit the utilization of private line facility or network features by the Centrex system and the use of certain Centrex features on the connected facilities to the extent that the features are subscribed to by the customer as part of the Centrex service and/or facilities involved. APLT units will be provided only when the equipment and features of the associated Centrex system permit their use.

**15.6.2 Application of Rates and Charges**

- A.** If the Centrex system is served from a NO. 5 crossbar central office, APLT units are provided with either three-digit access codes (1XX) or single-digit access codes, if the No. 5 crossbar is equipped with single-digit access. If modification of a No. 5 crossbar is required to provide single-digit access, additional rates and charges apply based on costs incurred. APLT units are limited to rotary signaling except on facilities of certain PBX systems, NO. 1ESS central offices and enhanced private switched communication systems.
- B.** Service establishment charge is applicable only when a Centrex system serviced by a No. 1ESS central office is equipped with the first APLT unit.

**15.7 Switched Service Network Access Line Terminals****15.7.1 Description**

- A.** Switched service network access line terminals connect access lines from a Common Control Switching Arrangement (CCSA) to the switching equipment and attendant position of a Centrex system. The access line terminals are provided as an integral part of a customer's switched service network and the offer following features.
- 1.** Attendant Transfer
- 2.** Digital Absorbing Facilities for Calls to the Attendant
- 3.** Network Inward Dialing
- 4.** Network Outward Dialing
- 5.** Rotary Out Trunk Switching (where required)

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**SECTION 15 – PROVISIONS FOR OTHER SERVICES (Cont'd)****15.7.2 Application of Rates and Charges**

- A. The monthly rate for termination in dial equipment of a Centrex system which includes appearance in attendant position equipment also includes the rate for dial-type tie line termination.

**15.8 Centrex Foreign Exchange or Foreign Central Office Service****15.8.1 Description**

- A. Centrex foreign exchange and foreign central office provides basic system features from a central office other than a local central office that normally would served the principal premises.
1. Foreign exchange or foreign central office and Centrex local exchange service cannot be provided in the same Centrex system.
  2. Foreign exchange service is available for inward calling when the foreign exchange line terminates at an attendant position or at a designated answering location. Outward calling is available when the line terminates at an attendant position, designated answering location or in the central office dial switching equipment.

**15.9 Directory Listings****15.9.1 Description**

- A. When Centrex is provided to hotels, motels, or similar establishments for the use of management, residential guests and tenants, guests and tenants may be furnished additional directory listings showing the digital Centrex number, or they may individually request any class or grade of residence service offered in the exchange.
1. When PBX type trunk lines are provided, directory listings are not furnished since these services are provided on an outward calling basis only.

**15.9.2 Application of Rates and Charges**

- A. Directory listings will be available for Student Residence Centrex (SRC) lines at the rate for additional listings for residence service.
- B. The Company furnished one directory listing per Centrex system without charge. Additional directory listings may be provided as for business service at the appropriate rates and charges.

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**SECTION 16 – ANALOG CENTREX SERVICES****16. Analog Centrex Services****16.1 Nova Centrex Service**

Rates and charges for services explained herein are contained in Section 20.

**16.1.1 Description**

- A.** Nova Centrex is a facility based Centrex offering fro systems with up to 200 lines. It is provided only where suitable analog electronic central office facilities are available.
- 1.** Effective January 59, 1988, a minimum of six lines is required with this service.
  - 2.** Effective July 26, 1991, systems with initial requirements of up to 200 main station lines are provided. For systems with 200 or more main station lines, refer to DTE MA No. 12. Customers with existing systems of more than 200 but less than 260 main station lines may elect a new contract in accordance with DTE MA No. 12 or continue in accordance with their current option.
- B.** Nova Centrex service lines are provided as unrestricted lines, but at the request of the customer may be arranged with any of the other basic line classes described at the same rates and charges.
- C.** **Main Station Line Standard Features** provided as part of each Nova Centrex main station line are as follows. These features are in addition to basic features.
- 1. Add On Conferencing All Calls** permits a station user to hold any established call, dial another telephone number, and then add on the originally established call for a three way conference.
  - 2. Consultation Hold All Calls** allows a station user to hold any established call, dial another telephone number for consultation, and then return to the originally established call.
  - 3. Station Dial Transfer Individual All Calls** enables a station user to transfer any established call to another station in the system
- D.** **Individual Line Standard Feature Capabilities** may be activated at the time each line is installed or may be added or changed subsequently. They are as follows.
- 1. Access to Call Pickup Groups** allows a Centrex telephone user to answer any call directed to another Centrex line within its present pickup group by dialing a special code.
  - 2. Access to Speed Dialing 6 Lists** allows a Centrex telephone user to dial a single-digit code to originate a call to any of six programmed telephone numbers.

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**SECTION 16 – ANALOG CENTREX SERVICES (Cont'd)****16.1.1 Description (Cont'd)**

3. **Access to Speed Dialing 30 Lists** allows a Centrex telephone user to dial a two-digit code to originate a call to any of thirty programmed telephone numbers.
  4. **Call Forwarding Busy Line** provides for the automatic routing of incoming DID, CCSA and selected tie line calls to a preselected Centrex line when the called Centrex line is busy. This feature is not provided on a station line with Call Waiting.
  5. **Call Forwarding Does Not Answer** provides for the automatic routing of incoming DID, CCSA and selected tie line calls to a preselected Centrex line when the called telephone does not answer within a predetermined number of rings.
  6. **Call Forwarding** allows a Centrex line to have incoming calls forwarded to another line within the Centrex system or to DDD numbers outside the Centrex system. During times when the feature is activated, the line may be used in a the normal manner for outgoing calls.
  7. **Call Hold** allows a Centrex telephone user to place any established call on hold by depressing the switchhook and dialing a preassigned code leaving the Centrex line free to originate another call.
  8. **Call Waiting Terminating** allows a Centrex telephone user to receive an audible tone to indicate an incoming DID, CCSA or selected tie line call is waiting., if the called line is already in use. Call Waiting is not provided on a station line equipped with Call Forwarding Busy Line.
  9. **Touch Tone** provides for the origination of calls by means of instruments equipped for tone-type address signaling over special central office facilities.
- E. When Nova Centrex rates and charges are applied for additions to other than Nova Centrex systems, standard features and feature capabilities of Nova Centrex will be provided only where suitable facilities are available and compatible with existing service arrangements.

**16.1.2 Application of Rates and Charges**

- A. **Service Establishment Charge** is applicable for the initial installation of Nave Centrex and is payable with the first bill following installation.
- B. **Service Charges** for business main telephone exchange services are available to the main station line rates and charges.
- C. **Exchange Access** - Included in the Schedule A upfront charges for main station lines and included in the Schedule B monthly rates for main station lines are amounts that are attributable to exchange access by central office and outside plant facilities.

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**SECTION 16 – ANALOG CENTREX SERVICES (Cont'd)****16.1.2 Application of Rates and Charges (Cont'd)**

- D. Standard Feature Capabilities** - Nonrecurring charges for these features do not apply when an Element 2 service charge or a conversion charge per main station line applies. When standard feature capabilities are activated or changed by the Company at the customer's request subsequent to installation of the line, the subsequent additions or changes nonrecurring charge is applicable.
1. Monthly rates do not apply to standard feature capabilities.
- E. Optional Features** are provided in accordance with the provision for adjunct features and at the appropriate rates and charges. For optional features provided under the Variable Term Payment Plan (VTPP), an 84 month Optional Payment Period (OPP) is offered for Nova at the monthly rates specified in the VTPP rate schedule for a 48 month OPP. During the first 48 months, termination charges applicable for the discontinuance of service provisions for the 84 month OPP are the same as for the 48 month OPP.
- F. Conversion** - Any existing Centrex system (Centrex I, II, or Custom) may convert to Nova Termination charges (if applicable) do not apply to the system changed and a new seven year service contract is established for the system.
1. The conversion charges (nonrecurring charges) apply in addition to service charges as appropriate. The nonrecurring conversion charges per main station line are applicable only when standard feature capabilities are activated or modified at the time of conversion.
- G. Extension of Tie Line Channels** - Channel charges do not apply to serve main station locations within the same exchange as the principal premises when the same central office is involved. When a different central office in a multi-central office exchange is involved, in addition to the appropriate main station line charges, an Intraexchange/interoffice channel charge (comprised of a nonrecurring charge and a monthly rate applies. The intraexchange/interoffice channel rate is subject to Company initiated change.
1. To serve locations not within the same exchange as the principal premises, in addition to the appropriate main station line charges, rates and charges apply for the interexchange portion of Private Line Type 2001A channels, and for Centrex terminals. The Centrex channel terminal charge is comprised of a nonrecurring charge and a monthly rate. The Centrex channel terminal rate is subject to Company initiated change.
  2. Where extensions of main station lines are located at a premises other than where the main station lines are located, but within the same exchange and serving central office area, or where extensions of main station lines are located in a different building at the same premises and served by outside plant connected via the central office, charges for outside plant facilities for an initial main station line apply. A non-recurring charge applies to each arrangement. Premises work and jack charges apply as appropriate.

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**SECTION 16 – ANALOG CENTREX SERVICES (Cont'd)****16.1.2 Application of Rates and Charges (Cont'd)**

3. For locations in the same exchange but involving a different central office, intraexchange interoffice Nova channel rates and charges apply in addition to charges for outside plant facilities for initial main station lines.
4. For locations in a different exchange, rates and charges for the interexchange portion of Private Line Type 2001A channels and Centrex channel terminals apply in addition to those charges for outside plant facilities for an initial main station line.

**H. Tie Line Channels** - Rates and charges for Private Line Type 2001B channels apply for intraexchange or interexchange channels are required. For interexchange tie line channels, rates and charges for Centrex terminals apply in lieu of local channels when tie lines terminate only in the Centrex switching equipment. In addition, the appropriate tie line termination rates and charges apply.

**I. Discounts for Recontracting from One Centrex Service to Another**

1. Nova customers who convert to Digital Centrex II and who have paid 60% of the Vintage I or 100% of the Vintage II Schedule A monthly rates will be entitled to a percentage discount on Schedule A charges for Digital Centrex II main station lines.

**J. Central Office Common Equipment, Central Office Facilities and Outside Plant Facilities.**

1. For Schedule A upfront payment charges, the appropriate Time Value of Money Equivalency Factor based on a monthly effective interest rate of 1.1642% monthly for Vintage I customers and a monthly effective interest rate of .99384% for Vintage II customers, is multiplied by the Schedule A upfront payment charge to determine the monthly rates. The present value of outstanding OPP monthly rates for Schedule A charges is determined in accordance with the principals of the Time Value of Money at an effective interest rate of 1.1642% monthly for Vintage I customers, and an effective interest rate of .99384% monthly for Vintage II customers.
2. Schedule B monthly rates for central office and outside plant facilities are subject to annual change by file tariff revisions to reflect changes in the CPI for the previous year.

**K. Airline Mileage** for main station line outside plant facilities are measured from the serving central office to the network interface arrangement(s) at each of the customer's premises.

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**SECTION 16 – ANALOG CENTREX SERVICES (Cont'd)****16.1.3 Payment Plan**

- A.** Nova is offered under a seven year contract during which station line charges are not subject to Company initiated change other than as specified below. However, such charges are under the jurisdiction of the DTE and are subject to change upon order of the DTE. Nova main station lines comprise central office and outside plant facilities for which Schedule A and Schedule B charges are applicable.
- 1.** **Schedule A** contains a charge which may be paid upfront or in the form of monthly rates over a one, three, five or seven year OPP. Included in the Schedule A charges for main station lines are amounts that are attributable to exchange access by central office and outside plant facilities. When Schedule A charges for central office facilities are paid over a 12, 36, 60 or 84 month OPP, Schedule A charges for outside plant facilities must be paid over the same period unless otherwise specified.
    - a.** Vintage I Schedule A rates for central office facilities and outside plant facilities apply for systems installed prior to January 59, 1988.
  - 2.** **Schedule B** contains a monthly rate that is subject to annual change by filed tariff revision to reflect changes in the Consumer Price Index for the previous year. Schedule B monthly rates apply as long as facilities are in service.
- B.** **Exchange Usage Charges** are subject to Company initiated change. Such charges are comprised of the following measured service and unlimited service usage charges.
- 1.** **Measured Service Charges** - All local messages are provided at the appropriate local usage charges for measured business main telephone exchange service. No message unit or usage allowance is provided with measured Nova.
  - 2.** **Unlimited Service Usage Charges** are based on the total number of main station lines in-service at the end of each customer's billing period. The PBX Trunk Equivalency Table specifies the equivalencies for main station lines. The exchange usage charge monthly rate is multiplied by the PBX Trunk Equivalency to determine the monthly unlimited service usage charge for the system.
- C.** **Discontinuance of Service** - Service may be discontinued at any time during the seven year service contract period. If Schedule A charges are paid in the form on monthly rates, termination charges equal to the present value of the unpaid balance, if any, apply when service is discontinued.
- 1.** Nova customers may convert to Nynex Digital Centrex Plus with no termination penalty as long as the revised agreement is for an equal or greater number of lines included in the currently effective agreement. The revised agreement must be for a period of time equal to the remaining life of the currently effective agreement. An Element 1 service charge applies for the conversion order and any one time or nonrecurring charges apply as appropriate.

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**SECTION 16 – ANALOG CENTREX SERVICES (Cont'd)****16.1.3 Payment Plan (Cont'd)**

- D. Additional Lines** - Additional main stations may be added to an existing system at any time during the system's seven year service contract at the currently effective Vintage schedule. Schedule A payments for additional main stations will be calculated at the 60 month payment period rates. Termination liability for the first 200 lines added to the originally contracted system will be conterminous with the expiration date of the system's service contract. For all other lines added, termination liability will be based on 60 month's of obligation.
- E. Relocation** - Relocation of Nova service is not allowed.
- F. Transfer of Service** - At the sole discretion of the Company, written permission may be granted to assign the obligation to pay contractual charges to another customer at the same location for a transfer of service charge and an Element service charge, payable by the new customer. In addition to assuming responsibility to pay the contractual charges, the new customer assumes the conditions applicable to Centrex service at the time of the transfer.
- 1.** A transfer of service without written permission is not allowed.
- G. Conclusion of the Seven Year Contract Period** - At the conclusion of a system's seven year contract, service may be continued on a noncontractual basis subject to the appropriate Schedule B rates and Schedule A charges as for a 12 month optional period based on the latest vintage of charges in effect or to become effective until service is discontinued or a new service agreement for currently available Centrex service is elected. Recontracting of Nova service is not allowed.
- H. Temporary Suspension of Service** - Nova main station lines are not subject to the provisions of temporary suspension of service.
- I. Central Office Common Equipment, Central Office Facilities and Outside Plant Facilities** - The appropriate Time Value of Money Equivalency Factor, based on a monthly effective interest rate of 1.1642% monthly for Vintage I customers and a monthly effective interest rate of .99384% for Vintage II customers, is multiplied by the Schedule A upfront payment charge to determine the monthly rates for the optional payment period as shown below. The present value of outstanding optional payment period monthly rates for Schedule A charges is determined in accordance with the principles of the Time Value of Money at an effective interest rate of 1.1642% monthly for Vintage I customers, and an effective interest rate of .99384% monthly for Vintage II customers.

**SECTION 16 – ANALOG CENTREX SERVICES (Cont'd)****16.1.3 Payment Plan (Cont'd)**

Exhibit A Nova Centrex Service Time Equivalency Factors by Service Periods				
To determine the monthly rate for Schedule A central office facilities, multiply the upfront payment charge by the appropriate factor.				
	<b>12. Mos.</b>	<b>36 Mos.</b>	<b>60 Mos.</b>	<b>84 Mos.</b>
Vintage I	.0898	.0342	.0233	.0187
Vintage II	.0888	.0332	.0222	.0176

Exhibit B PBX Trunk Equivalency Table Unlimited Service Usage	
Number of Main Station Lines	Equivalent PBX Trunks
1	1
2	2
3	3
4-6	4
7-10	5
11-15	6
16-21	7
22-28	8
29-36	9
37-45	10
46-54	11
55-64	12
65-75	13
76-86	14
87-98	15
99-111	16
112-125	17
126-139	18
140-155	19
165-171	20
172-189	21
190-207	22
208-225	23
226-243	24
244-262	25
263-281	26
282-300	27
Each Additional 18 Main Station Lines or Fraction Thereof	1

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**SECTION 17 – DIGITAL CENTREX SERVICES****17. Digital Centrex Services****17.1 Digital Centrex I Services**

Rate and charges for services explained herein are contained in Section 20.

**17.1.1 Description**

- A.** Digital Centrex I is a business telecommunication system in which the controlling dial switching equipment is located at a Company digital Central office that normally serves as the principal premises of a customer.
- 1.** Existing customers with less than 100 lines may continue service in accordance with the regulations of their current Digital Centrex I arrangement.
  - 2.** Effective July 26, 1991, rates and charges for systems with initial requirements of up to 200 main station lines are provided as specified herein.
- B. Standard Features** provided as part of Digital Centrex I offering are as follows. Standard features which are not basic to the system may be activated for individual lines.
- 1. Add on Consultation/Hold Incoming Only** enables a station user within a group to establishes three-way calling restricted to incoming DID calls to the system.
  - 2. Call Forwarding** allows a station line to have incoming calls forwarded to another line within the system or to telephone numbers outside the system. During times when the feature is activated, the line may be used in the normal manner for outgoing calls. This feature may be arranged to restrict the terminating directory numbers dialing during the activation procedure to intragroup extension numbers.
  - 3. Call Forwarding Busy Line** provides for the automatic routing of incoming calls to a preselected station line when the called station line is busy. This feature is not provided on a station line with Call Waiting.
  - 4. Call Forwarding Don't Answer** provides for the automatic routing of incoming calls to a preselected station line when the called telephone does not answer within a predetermined number of rings. This feature may be arranged so that only incoming DID calls will be forwarded.
  - 5. Call Hold** allows a station user to place any established call on hold while leaving the Centrex line free to originate another call.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.1.1 Description (Cont'd)**

6. **Call Pickup** allows a station user to answer any call directed to another Centrex line within its preset pickup group by dialing a special code.
7. **Call Waiting Terminating** allows a station user to receive an audible tone to indicate an incoming call is waiting, if the called lines already in use. Call Waiting is not provided on a station line equipped with Call Forwarding Busy Line. This feature may be arranged to allow a station line to receive Call Waiting treatment only on incoming DID calls.
8. **Single-Digit Speed Dialing** allows a station user to call a predesignated seven or ten-digit telephone number by dialing a valid single-digit dialing code. The customer changeable speed dialing list furnished contains either six or eight codes depending on serving facilities.
9. **Station Dial Transfer Individual All Calls** allows a station user to transfer any established call to another station in the Centrex system. this is a basic system feature provided on all lines.
10. **Three-Way Calling** enables a station user to establish voice connection involving the customer and two other parties. The customer, by switchhook operation is able to place an existing call on hold and dial the telephone number of the third-party. This is a basic system feature provided on all lines.
11. **Touch Tone** provides for the origination of calls by means of instruments equipped for tone-type address signaling over special central office facilities. This is a basic system feature provided on all lines.
12. **Trunk Answer Any Station** permits any station with a group to dial a code and be connected to an incoming call to the listed directory numbers of the system.
13. **Two-Digit Speed Dialing Access** allows station users to access any two-digit speed calling list developed for the system.

**C. Optional Features** available with Digital Centrex I offerings are subject to availability and are as follows.

1. **Automatic Route Selection (ARS)** which is offered from suitably equipped No. 5 ESS central offices only, provides automatic routing of outgoing calls over alternative customer facilities based on the DDD telephone number. The station user dials the ARS access code followed by a DDD number. The system routes the call over the first available special trunk facility (such as WATS, FX, or Tie Lines), checking in a customer specified sequence. Overflow routing to the DDD network is optional.
2. **Call Waiting Originating** which is offered only from suitably equipped No. 5 ESS central offices allows a station user to direct an audible tone towards any other line in an established group which is busy. Call Waiting is not provided on station lines equipped with Call Forwarding Busy Line.



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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.1.1 Description (Cont'd)**

3. **Inside/Outside Ringing** which is offered only from suitably equipped No. 5 ESS central offices provides a unique pattern of telephone ringing to permit the telephone user to distinguish between intrasystem and other incoming calls.
4. **Loudspeaker Paging** which is offered only from suitably equipped No. 5 ESS central offices enables dial access to customer owned loudspeaker paging equipment. An appropriate private line channel between the serving central office and the customer's premises is required per arrangement.
5. **Night Service** permits the routing of calls normally directed to the attendant, to preselected station lines within the system when consoles are not attended. An appropriate private line channel between the serving central office and the customer's premises is required per arrangement.
6. **Two-Digit Speed Dialing** allows a station user to call a predesignated seven or ten-digit telephone number by dialing a valid two-digit dialing code. The customer changeable speed dialing list furnished contains 30 codes. Access to 30 number lists is provided as a standard feature capability.
7. **Uniform Call Distribution** is a form of line hunting which provides for an even distribution of incoming calls among available members of a hunt group.
8. **Station Message Detail Recording (SMDR)** - SMDR provides a record of calls originating from Centrex station lines to location(s) outside of the same Centrex. Facility groups may also be designated as requiring originating and terminating records.
  - a. The SMDR record includes the following: (1) the Centrex Line number of incoming facility group which originated the call; (2) the called telephone number, and (3) the date, time and duration of the call; (4) the facility type for routing the calls.
    1. Dial-up access where the customer dials into a centralized location to retrieve the call records when desired. Call records are stored for a maximum of 10 days.
    2. Internet access where the call records are sent to the customer via the internet.
    3. SMDR is available only where facilities permit and from suitably equipped Central Office switches only.
    4. Local call records are provided only where available.
    5. Customer must designate all station lines in a customer group and/or facility groups on which SMDR is to be provided. SMDR must be provided on a minimum of two lines.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.1.1 Description (Cont'd)**

6. Modems, collection devices, computer equipment and software are not provided as part of this service and are the responsibility of the customers.

**17.1.2 Application of Rates and Charges**

- A. **Service Establishment Charges** are payable with the first bill following instructions.
- B. **Service Charge** apply as appropriate, except that Element 1 and Element 2 service charges do not apply.
- C. **Standard Features** may be activated at the time each line is installed or may be added or changed subsequently. When standard features are activated or changed by the Company at the customer's request subsequent to installation of the line, the standard features subsequent additions or changes nonrecurring charge is applicable. Service charges do not apply.
- D. **Optional Features** - The nonrecurring charges for optional features described in this section are subject to Company initiated change. Service charges do not apply for the activation of these features.
  1. The appropriate private line channel is required between the serving central office and the customer's premises required per arrangement for the optional features Loudspeaker Paging and Night Service.
  2. **SMDR** rates are in addition to the rates and charges for the associated digital Centrex service, and for other associated services.
    - a. When SMDR is activated or changed by the Company at the customer's request subsequent to installation of the associated line, a Service and Equipment Charge is applicable.
- E. **Conversion** - Conversions to Digital Centrex I service are not allowed.
- F. **Exchange Access** - Included in the Schedule A charges for main station lines and included in the Schedule B monthly rates for main station lines are amounts that are attributable to exchange access by central office and outside plant facilities.
- G. **Exchange Usage** charges are subject to Company initiated change.
  1. **Measured Service** - All local messages are provided at the appropriate local usage charges for measured business main telephone exchange service.
  2. **Unlimited Service** - Usage charges are base on the total number of main station lines in-service at the end of each customer's billing period. Exhibit B specifies the Private Branch Exchange (PBX) trunk equivalencies for main station lines. The monthly rates are multiplied by the PBX trunk equivalency to determine the monthly unlimited service usage charge for the system.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.1.2 Application of Rates and Charges (Cont'd)**

**H. Extension of Main Station Line Channels** - Channel charges do not apply to serve main station locations within the same exchange as the principal premises when the same central office is involved. When a different central office in a multi-central office exchange is involved, in addition to the appropriate main station line charges, an intraexchange/interoffice channel charge (comprised of a nonrecurring charge and a monthly rate) applies. The intraexchange/interoffice channel rate is subject to Company initiated change.

1. To serve location not within the same exchange as the principal premises, in addition to the appropriate main station line charges, rates and charges apply for the interexchange portion of Private Line Type 2001A channels, and for Centrex terminals. The Centrex channel terminal is comprised of a nonrecurring charge and a monthly rate. The Centrex channel terminal rate is subject to Company initiated change.
2. Where extensions of main station lines are located at a premises other than where the main station lines are located, but within the same exchange and serving central office area, or where extensions of main station lines are located in a different building at the same premises and served by outside plant connected via the central office, charges for outside plant facilities for an initiated main station line apply. A non-recurring charge applies to each arrangement, Premise work and jack charges apply as appropriate.
3. For locations in the same exchange but involving a different central office, intraexchange interoffice Digital Centrex I channel rates and charges apply in addition to charges for outside plant facilities for initial main station lines
4. For locations in a different exchange, rates and charges for the interexchange portion of Private Line Type 2001A channels and Centrex channel terminals apply in addition to those charges for outside plant facilities for an initial main station line.

**I. Central Office Common Equipment, Central Office Facilities and Outside Plant Facilities**

1. For schedule A upfront payment charges, the appropriate Time Value of Money Equivalency Factor, based on a monthly effective interest rate of 1.1642% monthly for Vintage I customers and a monthly effective interest rate of .99384% for Vintage II customers, is multiplied by the Schedule A upfront payment charge to determine the monthly rates for the OPP as shown in Exhibit A. The present value of outstanding OPP monthly rates for Schedule A charges is determined in accordance with the principles of the Time Value of Money at an effective interest rate of 1.1642% monthly for Vintage I customers, and an effective interest rate of .99384% monthly for Vintage II customers
2. Schedule B monthly rates for central office and outside plant facilities are subject to annual change by filed tariff revisions to reflect changes in the CPI for the previous year.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.1.2 Application of Rates and Charges (Cont'd)**

- J. Airline Mileage** for main station line outside plant facilities are measured from the serving central office to the network interface arrangement(s) at each of the customer's premises.

**17.2 Digital Centrex II Service****17.2.1 Description**

- A.** Digital Centrex II is a business telecommunication system in which the controlling dial switching equipment is located at a Company digital Central office that normally serves as the principal premises of a customer.
- 1.** Existing customers with less than 100 lines may continue service in accordance with the regulations of their current Digital Centrex II arrangement.
  - 2.** Effective July 26, 1991, rates and charges for systems with initial requirements of up to 200 main station lines are provided as specified herein.
- B. Standard Features** provided as part of Digital Centrex II offering are as follows. Standard features which are not basic to the system may be activated for individual lines.
- 1. Add on Consultation/Hold Incoming Only** enables a station user within a group to establishes three-way calling restricted to incoming DID calls to the system.
  - 2. Call Forwarding** allows a station line to have incoming calls forwarded to another line within the system or to telephone numbers outside the system. During times when the feature is activated, the line may be used in the normal manner for outgoing calls. This feature may be arranged to restrict the terminating directory numbers dialing during the activation procedure to intragroup extension numbers.
  - 3. Call Forwarding Busy Line** provides for the automatic routing of incoming calls to a preselected station line when the called station line is busy. This feature is not provided on a station line with Call Waiting.
  - 4. Call Forwarding Don't Answer** provides for the automatic routing of incoming calls to a preselected station line when the called telephone does not answer within a predetermined number of rings. This feature may be arranged so that only incoming DID calls will be forwarded.
  - 5. Call Hold** allows a station user to place any established call on hold while leaving the Centrex line free to originate another call.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.2.1 Description (Cont'd)**

6. **Call Pickup** allows a station user to answer any call directed to another Centrex line within its preset pickup group by dialing a special code.
7. **Call Pickup** enables a station user to answer incoming calls to another station within a defined call pickup group by dialing a code.
8. **Call Transfer** allows a station user to transfer any established call to another station inside or outside the customer group without the assistance of an attendant. This is a basic system feature provided on all lines.
9. **Call Waiting Terminating** allows a station user to receive an audible tone to indicate an incoming call is waiting, if the called lines already in use. Call Waiting is not provided on a station line equipped with Call Forwarding Busy Line. This feature may be arranged to allow a station line to receive Call Waiting treatment only on incoming DID calls.
10. **Directed Call Pickup with Barge In** permits a station user to answer a call ringing on another line in the Centrex group by dialing a code. If the called line has already been answered, the initiating line may barge in to the answered call to be connected to a three-way call.
11. **Directed Call Pickup Without Barge In** permits a station user to answer a call ringing on another line in the Centrex group by dialing a code.
12. **Inside/Outside Ringing** provides a unique patten of ringing to permit the station line user to distinguish between Centrex calls and calls from outside the Centrex group.
13. **Hunting** permits the routing of calls to an idle station in a prearranged group when the called station is busy.
14. **Single-Digit Speed Dialing** allows a station user to call a predesignated telephone number by dialing a valid single-digit dialing code. The customer changeable speed dialing list furnished contains either six or eight codes depending on serving facilities. The customer may select either this feature or Two-Digit Speed Dialing.
15. **Two -Digit Speed Dialing** allows a station user to call a predesignated telephone number by dialing a valid two-digit dialing code. The customer changeable speed calling list furnished contains 30 codes. The customer may select either this feature or Single-Digit Speed Dialing.
16. **Three-Way Calling** enables a station user to add a third-party to an existing call. This is a basic system feature provided on all lines.
17. **Touch Tone** provides for the origination of calls by means of instruments equipped for tone-type address signaling over special central office facilities. This is a basic system feature provided on all lines.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.2.1 Description (Cont'd)**

- 18. Trunk Answer Any Station** permits any station with a group to dial a code and be connected to an incoming call to the listed directory numbers of the system.

**C. Optional Features** available with Digital Centrex II offerings are subject to availability and are as follows.

- 1. Access to Code Calling** (System related feature). This feature permits attendants and station users to dial an access code and a two or three-digit called party code to activate signaling devices with a coded signal corresponding to the called code. The called party answers the calling party by dialing an answering code.
- 2. Access to ETS Trunks** (System related feature). This feature permits any station in a customer group to dial an Electronic Tandem Service (ETS) access code and to be connected to an ETS switch subscribed to at a distant location. The access is provided via cut-through to tie lines with dial repeating capability. Calls terminating to the customer group from the ETS via the tie line require the local switching system to recognize seizure and perform digit collection and interpretation via the customer group dialing plan.
- 3. Attendant Call Transfer** (Attendant related feature). Allows the attendant to dial a code prior to dialing the third leg of a three way call. This inhibits the automatic connection of all the parties allowing private consultation between the attendant and the called party on the third leg of the call.
- 4. Attendant Camp on** (Attendant related feature). Allows incoming calls to an attendant to be transferred to a busy station by the attendant. The busy station receives a tone indicating the attendant attempted to complete the call.
- 5. Attendant Conference** (Attendant related feature). Enables an attendant to initiate a conference call of up to six parties (including attendant). By dialing a special access code the selection of a special conference attendant can be made from any station in the same customer group.
- 6. Automatic Route Selection (ARS)** (System related feature). This feature provides automatic routing of outgoing calls over alternative customer facilities base on the DDD telephone number. The station user dials the ARS access code followed by a DDD number. The system routes the call over the first available special trunk facility (such as WATS, FX or Tie Lines) checking in a customer specified sequence. Overflow routing to the DDD network is optional. This feature provides all number translations and supervision necessary to route the call including the capability to re-route calls off network via a main PBX or Centrex. Incoming tie lines from subtending locations (main or tributary PBXs or Centrex) may be arranged to have automatic access to ARS Deluxe. This permits users at these locations to dial just a single access code to use the ARS Deluxe feature.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.2.1 Description (Cont'd)**

7. **Automatic Route Selection (ARS) Deluxe** (System related feature). This feature provides the same capabilities as ARS. In addition, the following are available with ARS Deluxe.
  - a. **Time of Day Routing** permits selection of first choice and alternate routes for off network routed calls to vary depending on which of up to three sets of ARS Deluxe routing patterns is in effect. This permits the customer to take advantage of variations in long distance calling rates or traffic patterns as a function of time. Both automatic and manual controls of ARS Deluxe routing pattern selection are provided.
  - b. **Expensive Route Warning Tone** provides a tone to indicate when a more expensive route is about to be used. The customer designates which routes are considered expensive.
  - c. **Facilities Restricted Levels (FRL)** permits the definition of calling privileges associated with a line. Each outgoing route within a routing pattern is also assigned an FRL which identifies its minimum level of privilege. The originating line must have an FRL equal or greater than that of the facility to be used.
8. **Call Park** (Station related feature). This feature allows a station line to park a call against a station number within a customer group. The parked call can be retrieved from any station line by dialing a feature code and the line number against which the call is parked.
9. **Dial Call Waiting Originating** (Station related feature). This feature allows a station user to direct an audible tone towards any other line in an established group which is busy by dialing an access code. Call Waiting is not provided on a station line equipped with Call Forwarding Busy Line.
10. **Dial Through Attendant** (Attendant related feature). This feature allows the station user to complete the dialing on other than station-to-station calls after the attendant selects the facility on attendant handled calls.
11. **Loudspeaker Paging** (System related feature). This feature allows dial access to customer owned loudspeaker paging equipment. This feature may be provisioned with answer back capability from Suitably equipped central offices. This feature may be provisioned on all lines. In addition, an appropriate private line channel between the serving central office and the customer's premises is required per arrangement.
12. **Multiple Position Hunt** (Attendant related feature). If two or more of these features are installed at the same time, a single nonrecurring charge applies. This feature provides the ability to distribute calls over a group of customer provided console positions, each of which can handle several types of calls.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.2.1 Description (Cont'd)**

- 13. Night Services** (System related feature). This feature permits the routing of calls normally directed to the attendant, to preselected station lines within the system when attendant positions are not attended. This feature is offered only from suitably equipped No. 5ESS central offices. In addition, an appropriate private line channel between the serving central office and the customer's premises is required per arrangement.
- 14. Radio Paging Access** (System related feature). This feature allows dial access to customer owned paging equipment which alerts individuals via pocket radio receivers. In addition, an appropriate private line channel between the serving central office and the customer's premises is required per arrangement.
- 15. Selective Control of Facilities** (Attendant related feature). This feature enables the Centrex attendant to control dial access to an individual facility group. All traffic is denied access to the affected facility group upon activation of this feature. This feature is offered only from suitably equipped No. 5ESS central offices.
- 16. Station Message Detail Recording (SMDR)** (System related feature) - Vintage I - this feature provides a record, on magnetic tape, of calls originated over tie lines, FX, WATS, CCSA and the DDD network by Centrex lines. The record includes the calling station number, called number, date, time of day, length of call and type of facility used. In addition for toll calls billed by the Company, the charge incurred is recorded, where possible.
  - a. Vintage I** - rates and regulations apply to Station Message Detail Recording (SMDR) in service on or after January 9, 2003.
- 17. Station Message Detail Recording (SMDR) - Vintage II** - SMDR provides a record of calls originating from Centex station lines to location(s) outside of the same Centrex. Facility groups may also be designated as requiring originating and terminating records.
  - a. Vintage II** - rates and regulations apply to Station Message Detail (SMDR) in service on or after January 9, 2003.
  - b.** The SMDR record includes the following: (1) the Centrex Line number of incoming facility group which originated the call; (2) the called telephone number, and (3) the date, time and duration of the call; (4) the facility type used for routing the call.
  - c.** Authorization codes, if ordered by the customer, can be included in the record at the discretion of the station user.
  - d.** SMDR records are provided to the customer via one of the following two methods.



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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.2.1 Description (Cont'd)**

1. Dial up access where the customer dials into a centralized location to retrieve the call records when desired. Call records are stored for a maximum of 10 days.
      2. Internet access where the call records are sent to the customer via the internet.
    - e. SMDR is available only where facilities permit and from suitably equipped Central Office switches only.
    - f. Local call records are provided where available.
    - g. Customer must designate all station lines in a customer group and/or facility groups on which SMDR is to be provided. SMDR must be provided on a minimum of two lines.
    - h. Modems, collection devices, computer equipment and software are not provided as part of this service and are the responsibility of the customer.
  18. **Tandem Tie Line Dialing** (System related features). This feature enables customers served by different switches and interconnected by dial repeating tie lines to gain dial access to tie line connecting distant switches. This tandeming process permits incoming calls to then receive a second dial tone from a distant switch connected to the original terminating switch by the lines.
  19. **Trunk Group Busy Indication** (Attendant related feature). This feature allows for the displaying of trunk group status on the attendant position. In addition, an appropriate private line channel between the serving central office and the customer's premises is required per arrangement.
  20. **Uniform Call Distribution** (System related feature). This feature is a form of line hunting which provides for an even distribution of incoming calls among available members of a hunt group. This feature may be arranged for queuing and delay announcement from suitably equipped central offices.
  21. **WATS Administration Data** (System related feature). This feature provides a unique identification number for each trunk in WATS simulated facility group. This number is furnished as part of the customer billing record and provides per trunk usage data to the customer.

**17.2.2 Application of Rate and Charges**

- A. **Exchange Usage** charges are subject to Company initiated change.
  1. **Measured Service** - All local messages are provide at the appropriate local usage charges for measured business main telephone exchange service.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.2.2 Application of Rate and Charges (Cont'd)**

2. **Unlimited Service** - Usage charges are billed on the total number of main station lines in-service at the end of each customer's billing period. Exhibit B specifies the PBX trunk equivalencies for main station lines. The monthly rates are multiplied by the PBX trunk equivalency to determine the monthly unlimited service usage charge for the system.

**B. SMDR** rates are in addition to the rates and charges for the associated digital Centrex service, and for other associated services.

1. When SMDR is activated or changed by the Company at the customer's request subsequent to installation of the associated line, a Service and Equipment Charge is applicable.

**B. Extension of Main Station Line Channels** - Channel charges do not apply to serve main station locations within the same exchange as the principal premises when the same central office is involved. When a different central office in a multi-central office exchange is involved, in addition to the appropriate main station line charges, an intraexchange/interoffice channel charge (comprised of a nonrecurring charge and a monthly rate) applies. The intraexchange/interoffice channel rate is subject to Company initiated charge.

1. To serve locations not within the same exchange as the principal premises, in addition to the appropriate main station line charges, rate and charges apply for the interexchange portion of Private Line Type 2001A channels, and for Centrex terminals. The Centrex channel terminal charge is comprised of a nonrecurring charge and a monthly rate. The Centrex channel terminal rate is subject to Company initiated change.
2. Where extensions of main station lines are located at a premises other than where the main station lines are located, but within the same exchange and serving central office area, or where extensions of main station lines are located in a different building at the same premises and served by outside plant connected via the central office, charges for outside plant facilities for an initial main station line apply. A nonrecurring charge applies to each arrangement. Premise work and jack charges apply as appropriate.
3. For locations in the same exchange, rates and charges for the interexchange interoffice Digital Centrex II channel rates and charges apply in addition to the charges for outside plant facilities for an initial main station line.
4. For locations in a different exchange, rates and charges for the interexchange portion of Private Line Type 2001A channels and Centrex channel terminals apply in addition to charges for outside plant facilities for an initial main station line.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.2.2 Application of Rate and Charges (Cont'd)**

**C. Standard Features** may be activated at the time each line is installed or may be added or changed subsequently. When standard features are activated or changed by the Company at the customer's request subsequent to installation of the line, the standard features subsequent additions or charges nonrecurring charge is applicable. Service charges do not apply.

**D. Optional Features**

- 1.** The rates and charges applicable to optional features are subject to Company initiated change. Service charges do not apply for the activation of these features.
- 2.** If two or more of the following attendant related features are installed at the same time, a single nonrecurring charge applies.
  - a.** Attendant Call Transfer
  - b.** Attendant Camp On
  - c.** Multiple Position Hunt
- 3.** Rate and charges apply for an appropriate private line channel between the serving central office and the customer's premises in addition to the monthly rates and charges that apply for the following optional features.
  - a.** Access to Code Calling
  - b.** Loudspeaker Paging Access
  - c.** Night Service
  - d.** Radio Paging Access
  - e.** Trunk Group Busy Indication

**E. Service Establishment Charges** are applicable and are payable with the first bill following installation.

**F. Premises Work and Jack Charges** apply as appropriate.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.2.2 Application of Rate and Charges (Cont'd)**

1. For Schedule A upfront payment charges, the appropriate Time Value of Money Equivalency Factor, based on a monthly effective interest rate of .99384%, is multiplied by the Schedule A upfront payment charge to determine the monthly rates for the OPP as shown in Exhibit C. The present value of outstanding OPP monthly rates for Schedule A charges is determined in accordance with the principles of the Time Value of Money at an effective interest rate of .99384% monthly.
  2. Schedule B monthly rates for central office and outside plant facilities are subject to annual change by filed tariff revisions to reflect changes in the CPI for the previous year.
- H. Exchange Access** - Included in the Schedule A charges for main station lines and included in the Schedule B monthly rates for main station lines are amounts that are attributable to exchange access by central office and outside plant facilities.
- I. Conversions** - Conversions to Digital Centrex II service is not allowed.
- J. Airline Mileage** for main station line outside plant facilities are measured from the serving central office to the network interface arrangement(s) at each of the customer's premises. For distances in excess of three miles, charges based on cost apply for outside plant facilities.

**17.3 DIGITAL CENTREX II Digital Centrex Service****17.3.1 Payment Plan**

- A. Digital Centrex II is offered under a three, five, seven or ten year service contracting during which central office common equipment and station line charges are not subject to Company initiated change. However, such charges are under the jurisdiction of the DTE and are subject to change upon order of the DTE. Digital Centrex II main station lines comprise central office and outside plant facilities for which Schedule A and Schedule B charges are applicable. Within each Schedule of charges, Vintages of rates apply. Vintage I rates and charges apply to systems installed prior to March 24, 1994. Vintage II rates and charges apply to systems installed or recontracted on or after March 24, 1994.
1. Schedule A charges apply to central office common equipment. Schedule A contains a charge which may be paid upfront or in the form of monthly rates based on OPP in twelve increments.
  2. Schedule B contains a monthly rate that is subject to annual change by filed tariff revision to reflect changes in the CPI for the previous year. Schedule B monthly rates apply as long as facilities are in-service.
- B. Service may be discontinued at any time during a service contract period. If Schedule A charges are not paid upfront, then no termination charges are applicable. If Schedule A charges are paid in the form of monthly rates, then termination charges equal to the present value of the unpaid balance, if any, apply when service is discontinued.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.3.1 Payment Plan (Cont'd)**

1. Digital Centrex II customers may convert to Digital Centrex Plus with no termination penalty as long as the following conditions are met.
    - a. The number of lines at the new location must be greater than or equal to the lines in service at the former location. If the number of lines at the new location is less than at the former location, termination liabilities apply for the difference.
    - b. The length of the new Centrex Plus contract must be greater than or equal to the length of time remaining on the existing contract.
  2. An Element 1 service charge applies for the conversion order and any one time or nonrecurring charges apply as appropriate.
- C. Additional Lines – Additional main stations may be added to an existing system at any time. For systems under a three, five, seven or ten year contract Schedule A payments for additional main stations will be calculated at the currently effective Vintage schedule according to the contract period. These charges may be paid upfront or over the specified payment period. A 24 month payment period applies for a three year contract period. A 48 month payment period applies for a five year contract period. A 60 month payment period applies for a seven year contract period. An 84 month payment period applies for a ten year contract period.
1. Schedule A payments for the first lines to the originally contracted system, not to exceed 200 lines, will be contemporaneous with the expiration date of the system's service contract. For all other lines added, the obligation applicable is a full 24 months for a three year contract, 48 months for a ten year contract.
- D. Relocation – Relocation of Digital Centrex II service is not allowed.
- E. Conclusion of a Systems Service – At the conclusion of a system's contract period, service may be continued on a noncontractual basis subject to the appropriate Schedule B rates and Schedule charges as for a 12-month OPP based on the latest Vintage of charges in effect or to become effective until service is discontinued or a new service agreement for currently available Centrex service is elected.
- F. Recontract – Recontracting of Digital Centrex I service is not allowed.
- G. Transfer of Service - At the sole discretion of the Company, written permission may be granted to assign the obligation to pay contractual charges to another customer at the same location for a transfer of service fee and an Element 1 service charge, payable by the new customer. In addition to assuming responsibility to pay the contractual charges, the new customer assumes the conditions applicable to Digital Centrex II at the time of the transfer.
1. A transfer of service without written permission is not allowed.
- H. Temporary Suspension of Service – Digital Centrex II main station lines are not subject to the provisions of temporary suspension of service.

**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.3.1 Payment Plan (Cont'd)**

- I. Central Office Common Equipment, Central Office Facilities and Outside Plant Facilities – The appropriate Time Value of Money Equivalency Factor, based on a monthly effective interest rate of .99384% is multiplied by the Schedule A upfront payment charge to determine the monthly rates for the OPP as shown in the Exhibit. The present value of outstanding OPP monthly rates for Schedule A charges is determined in accordance with the principles of the Time Value of Money at an effective interest rate of .99384% monthly.

1. Schedule A charges for central office and outside plant facilities must be paid over the same OPP unless otherwise specified.

Exhibit C									
Digital Centrex II Time Value of Money Equivalency Factors by Selected Service Periods (Months)									
Equivalency Factors by Month									
12	24	36	48	60	72	84	96	108	120
.0888	.0470	.0332	.0263	.0222	.0195	.0176	.0162	.0151	.0143

PBX Trunk Equivalency Table Unlimited Service Usage	
Number of Main Station Lines	Equivalent PBX Trunks
1	1
2	2
3	3
4-6	4
7-10	5
11-15	6
16-21	7
22-28	8
29-36	9
37-45	10
46-54	11
55-64	12
65-75	13
79-86	14
87-98	15
99-111	16
112-125	17
126-139	18
140-155	19
156-171	20
172-189	21
190-207	22
208-225	23
226-243	24
244-262	25
263-281	26
282-300	27
Each Additional 18 Main Station Lines or Fraction Thereof	1

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.4 Digital Centrex Plus Service (Centrex Plus)****17.4.1 Description**

- A. Centrex Plus is a business telecommunications system in which the controlling dial switching equipment is located at a Company digital central office that normally serves the principal premises of a customer.
1. This service is offered with a 2 line minimum requirement, subject to the availability of facilities.
- B. Centrex Plus is provided over a loop start facility which links the Company Centrex dial switching equipment and customer provided station equipment.
- C. Standard Features provided on all lines, include the features described in Section 1 and as listed below. Centrex Plus systems offered under a Month-to-Month payment option are equipped with a modified Direct Outward Dialing feature (assumed dial 9-no access code dialing) and cannot be equipped with Station-to-Station Dialing (dial intercommunications).
1. Call Forwarding Busy Line permits calls attempting to terminate to a busy line to be forwarded to a preselected telephone number. The telephone number may be outside the Centrex Plus system where facilities permit.
  2. Call Forwarding Don't Answer provides for the forwarding of any incoming calls to a preselected telephone number. The telephone number may be outside the Centrex Plus system where facilities permit.
  3. Call Forwarding allows line to have incoming calls forwarded to another line within the system or to a telephone number outside the system.
  4. Call Hold enables a line user to place a call on hold for any length of time provided that neither party goes on-hook.
  5. Call Pickup Group allows a line user to answer incoming calls to another line within the Centrex Plus system by dialing a special code. One or more call pickup groups may be established.
  6. Call Transfer All Calls allows a line user to transfer any established call to another line inside or outside the customer group without the assistance of an attendant.
  7. Conference Calling enables a line user to establish voice connection involving the customer and two other parties. The line user, by switchhook operation is able to place an existing call on hold and dial the telephone number of a third-party, affecting a three-way call.
  8. Hunting permits the routing of calls to an idle line in a prearranged group when the called line is busy.
  9. Touch Tone provides for the origination of calls by means of instruments equipped for tone-type address signaling over special central office facilities.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.4.1 Description (Cont'd)**

- D. Optional Features are available with Centrex Plus subject to the availability of facilities and are as follows.
1. Automatic Callback enables a line user calling a busy line within the system to be automatically connected to the called line when the line becomes idles.
  2. Call Waiting Terminating permits a line user to receive an audible tone to indicate an incoming call is waiting, if the called line is busy. This feature may be arranged to allow a line to receive Call Waiting treatment only on incoming DID calls.
  3. Directed Call Pickup with Barge In permits a line user to answer a call ringing on another line in the Centrex group by dialing a code.
  4. Directed Call Pickup without Barge In permits a line user to answer a call ringing on another line in the Centrex group by dialing a code.
  5. Inside/Outside Ringing provides a unique pattern of ringing to permit the line user to distinguish between intragroup and DID calls.
  6. Speed Dialing Single-Digit allows a line user to call a predesignated seven or ten-digit telephone number by dialing a valid single-digit dialing code. The customer changeable speed dialing list furnished contains either six or eight codes depending on serving facilities.
  7. Speed Dialing Two-Digit allows a line user to call a predesignated seven or ten-digit telephone number by dialing a valid two-digit dialing code. The customer changeable speed dialing list furnished contains 30 codes.
  8. Station Message Detail Recording (SMDR) – SMDR provides a record of calls originating from Centrex station lines to location(s) outside of the same Centrex. Facility groups may also be designated as requiring originating and terminating records.
    - a. The SMDR record includes the following: (1) the Centrex Line number of incoming facility group which originated the call; (2) the called telephone number, and (3) the date, time and duration of the call; (4) the facility type used for routing the call.
    - b. Authorization codes, if ordered by the customer, call be included in the record at the discretion of the station user.
    - c. SMDR records are provided to the customer via one of the following two methods.
      1. Dial-up access where the customer dials into a centralized location to retrieve the call records when desired. Call records are stored for a maximum of 10 days,



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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.4.1 Description (Cont'd)**

2. Internet access where the call records are sent to the customer via the Internet.
- d. SMDR is available only where facilities permit and from suitably equipped Central Office switches only.
- e. Local call records are provided only where available.
- f. Customer must designate all station lines in a customer group and/or facility groups on which SMDR is to be provided. SMDR must be provided on a minimum of two lines.
- g. Modems, collection devices, computer equipment and software are not provided as part of this service and are the responsibility of the customer.
9. Trunk Answer Any Line permits any line user within a group to dial a code and be connected to an incoming call to the listed directly number of the system

**17.4.2 Application of Rates and Charges**

- A. Exchange Usage charges are subject to Company initiated change.
  1. Measured Service – All local messages are provided at the appropriate local usage charges for measured business main telephone exchange service.
    - a. Local usage rates apply to intrasystem calls for Centrex Plus systems provided under a Month-to-Month optional payment plan.
  2. Unlimited Service – Usage charges are based on the total number of main station lines in-service at the end of each customer's billing period. Exhibit 5.2.3-2 specifies the PBX trunk equivalencies for main station lines. The monthly rates are multiplied by the PBX trunk equivalency to determine the monthly unlimited service usage charge for the system.
- B. Exchange Access – included in the monthly rates for main station lines are amounts that are attributable to exchange access.
- C. Service Establishment Charges are one time charges that are applicable for the installation of Centrex Plus service and for subsequent additions or changes of class of service and are payable with the first bill following installation.
  1. Element 1 and Service Establishment one time charges do not apply for the initial installation of Centrex Plus lines installed under a term commitment.
- D. SMDR rates are in addition to the rates and charges for the associated digital Centrex service and for other associated services.
- E. Premises Word and Jack Charges apply as appropriate.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.4.2 Application of Rates and Charges (Cont'd)**

- F. Standard Features may be activated at the time each line is installed or may be added or changed subsequently. When standard features are activated or changed by the Company at the customer's request subsequent to installation of the line, the standard features subsequent change charge is applicable. An Element 1 charge will also apply as appropriate.
- G. Optional Features – Nonrecurring charges apply on a per feature line basis. Service charges also apply for the activation of the optional feature(s).
  - 1. Digital Centrex I and Digital Centrex II optional features are also available with non Month-to-Month Centrex Plus systems, subject to the availability of facilities.
  - 2. Intellisart and Digital Centrex I Uniform Call Distribution optional feature(s) are available with Month-to-Month Centrex Plus systems, subject to availability.
- H. Conversion Charges – Any existing Centrex system (Centrex I, II, Custom Nova, Digital Centrex I or Digital Centrex II) may convert to Centrex Plus service provided that suitable and sufficient digital central office facilities are available in the same service central office. Element 1 and premises work and jack charges apply, if appropriate, at the time of conversion. The initial installation per line charge for Centrex Plus also applies. Existing Centrex customers converting to Centrex Plus are not subject to termination charges as long as the number of Centrex Plus lines are equal to or greater than the number of lines under their current Centrex term commitment. The duration of the new agreement must be as specified under the available payment options for Centrex plus and must be equal to or greater in length than the time remaining in the existing term contract.

**17.4.3 Centrex Manager**

- A. Centrex Manager service is designed to meet Centrex client's growing requirements for mobility in the workplace. Centrex Manager service combines the features and functionality of Centrex service with Advanced Intelligent Network (AIN) applications to allow individual subscribers to customize services to fit their needs. Customers manage their Centrex Manager service by using either a Touch-Tone phone or Personal Computer (PC) via a Web Interface.
- B. Centrex Manager services include Centrex Manager basic service which provides Call Preview and Priority Screening as well as access to the Internet Customer Access Service (ICAS) and the Touch-Tone service management systems. Centrex Manager basic service is a prerequisite to subscription of Centrex Manager optional services (Centrex Manager Locator service and Centrex Manager Cellular service).
- C. Centrex Manager basic service allows a subscriber to establish a Priority Caller list, change passwords, create priority PIN codes, and activate or deactivate the service. When the service is activated, only the callers on the Priority Callers list will be delivered directly to the subscriber's Centrex line. Callers who are not on the Priority Callers list will be routed to the subscriber's voice mailbox. When the service is deactivated, all calls are delivered to the subscriber's Centrex number.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont’d)****17.4.3 Centrex Manager (Cont’d)**

- D. Expiration – At the expiration of a system’s service agreement period, if service is not discontinued, a new service agreement may be elected for the system in accordance with the terms and conditions applicable to a new system, except that any one time or nonrecurring charges previously paid do not apply. Service may be continued on a month-to-month basis without a service agreement at the Month-to-Month rate.

**17.4.4 Optional Services**

- A. Centrex Manager Locator service allows end users to set up and activate network routing profiles that redirect calls (dialed to their Centrex line) to other locations. End users may direct their incoming calls to “follow them” to work, home or on the road.
1. When Locator service is activated, the service will attempt to complete incoming calls to multiple telephone numbers that the end user has specified.
  2. Locator service may be activated for a specified period of time or until the user chooses to turn it off. Locator service may be activated or deactivated using the Touch-Tone access option or the ICA Web Interface.
  3. Subscribers may also activate Priority Call Screening.
- B. Centrex Manager Cellular service forwards incoming calls directly to the subscriber’s cellular telephone number when the feature is activated. If the end user is on the phone, Centrex Manager Cellular service forwards the call to the end user’s business voice mailbox. Cellular service may be turned on or off from any Touch-Tone phone, including the subscriber’s cell phone, or by using the ICAS Web Interface. Cellular service is activated until the user turns it off.
1. Subscribers may also activate Priority Call Screening to manage Centrex manager Cellular service calls.

**17.4.5 Regulations**

- A. Centrex Manager basic service is only available to Business customers with a Centrex system over 100 lines. The term, “Centrex” is used generically to include tariffed and customer Centrex, Digital Centrex I, Centrex plus and other compatible forms of engineered Centrex service.
- B. The Centrex Manager subscriber must provide a centralized voice mailbox for final destination routing of calls handled by Centrex Manager services. The voice mailbox may be company-provided or subscriber-provided. The subscriber is responsible for any charges associated with call delivery to the selected voice mail system.
- C. Centrex Manager services are provided on equipment and facilities selected by the Company. This service is provided from central office equipped to furnish such service and is furnished subject to the availability of suitable facilities. The Company reserves the right to determine deployment locations for this service. Potential subscribers must verify service availability with their Company representative before placing an order.

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**SECTION 17 – DIGITAL CENTREX SERVICES (Cont'd)****17.4.5 Regulations**

- D. Centrex Manager basic service is a prerequisite to subscription of Centrex Manager optional services (Centrex Manager Locator Service and Centrex Manager Cellular Service).
- E. Subscribers are responsible for updating and administering their Centrex Manager service profile and the activation/deactivation of the services.
- F. Calls forwarded across the telephone network will be charged in accordance with the normal local and toll rates established by the subscriber's carriers. This applies to calls carried by both landline and cellular carriers.
- G. Centrex Manager subscribers using the ICAS must have access to the Internet via a standard Web browser.
- H. Subscribing companies are responsible to notify their selected local and interexchange carriers of initiation or changes in their Centrex Manager Services to insure proper billing.
- I. Centrex Manager basic service will include Centrex Manager Call Preview/Priority Screening, as well as access to the ICAS and touch tone systems for service management.
- J. Caller ID, Call Waiting ID with Name and Distinctive Ringing services, as described elsewhere in this tariff, are included in the Centrex Manager basic service rate. The delivery of these services may not be provided over certain facilities. The subscriber is responsible for the purchase of compatible customer premises equipment where required.
- K. Centrex Manager Locator Service – Incoming calls to the Centrex station will be forwarded in accordance with the user's active profile when the service is activated.
- L. Centrex Manager Cellular Service – Centrex Manager subscribers must provide their Company representative with their cellular phone number to initiate the service.

**17.4.6 Application of Rates and Charges**

- A. Rates and charges for Centrex Manager service apply in addition to all other applicable Centrex rates and charges.
- B. Service charges apply as appropriate, except that Element 2 and Element 2 service charges do not apply to establish Centrex Manager.
  - 1. Nonrecurring charges apply to establish Centrex Manager service. The nonrecurring charge is applicable on a per line basis. Monthly rates also apply on a per line basis.
  - 2. Optional Features – Nonrecurring charges apply for the activation of the optional feature(s) on a per line basis. Monthly rates also apply on a per line basis.
- C. Centrex Manager feature package discount – A discount applies when a customer subscribes to Centrex Manager basic service and both of the Centrex Manager optional features (Locator Service and Cellular Service).

**SECTION 18 – ACCESS SELECT SERVICE**

## 18.1 AccessSelect

## 18.1 General

The only branded service provided by the Company is the “AccessSelect” service that provides for a discount of Local Non-Recurring and Intra-Lata Usage charges. These discounts are calculated by revenue and term commitments. Below is the AccessSelect Discount table.

## 18.2 AccessSelect Discount Table

Term	Revenue Level		AccessSelect Price Set Code	Local NRC Discount*	Usage Discount**
Month-to-Month	\$0	\$2,000	A00	0%	0%
	\$2,000	\$5,000	B00	0%	0%
	\$5,000	\$13,000	C00	0%	0%
	\$13,000	+	D00	0%	5%
1 Year	\$0\$0	\$2,000	A12	50%	0%
	\$2,000	\$5,000	B12	50%	0%
	\$5,000	\$13,000	C12	50%	5%
	\$13,000	+	D12	50%	10%
2 Year	\$0\$0	\$2,000	A24	100%	0%
	\$2,000	\$5,000	B24	100%	0%
	\$5,000	\$13,000	C24	100%	5%
	\$13,000	+	D24	100%	10%
3 Year	\$0\$0	\$2,000	A36	100%	0%
	\$2,000	\$5,000	B36	100%	5%
	\$5,000	\$13,000	C36	100%	10%
	\$13,000	+	D36	100%	15%

## 18.3 AccessSelect ICB

At the option of the Company, service may be offered on a contract basis to meet specialized requirements of the Customer. Such contract offerings will be included as future tariff revisions and subject to appropriate regulatory approval. The terms of each contract shall be mutually agreed upon between the Customer and Company and may include discounts off of rates contained herein, waiver of recurring or nonrecurring charges, charges for specially designed and constructed services not contained in the Company’s general service offerings, or other customized features. The terms of the contract may be based partially or completely on the term and volume commitment, type of originating or terminating access, mixture of services or other distinguishing features. Service shall be available to all similarly situated Customers for six months after the initial offering to the first contract Customer for any given set of terms.

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**SECTION 19 – SURCHARGES AND FEES****19.1 Local Number Portability**

The Company bills its customers a monthly, per access line/trunk surcharge in compliance with the Local Number Portability rules and regulations of the Federal Communications Commission. The FCC allows local telephone companies to recover certain costs for providing "telephone number portability" to its customers. This charge provides residential and business telephone customers with the ability to retain, at the same location, their existing local telephone numbers when switching from one local telephone service provider to another. This is a fixed, monthly charge.

LNP Surcharge: \$0.23 per month, per line/trunk  
\$2.07 per month, per PBX trunk

**19.2 FCC Line Charge**

This is an FCC-authorized, flat-rated monthly charge paid by consumers to the Company, a local exchange carrier, so that the Company can recover costs associated with connecting customers to the nationwide telephone network.

FCC Line Charge:	\$7.13 per month, per line/trunk
Digital PBX FCC Line Port Charge:	\$1.21 per month, per digital PBX trunk channel
ISDN-BRI FCC Line Port Charge:	\$1.90 per month, per B-channel
ISDN-PRI FCC Line Port Charge:	\$45.01 per month, per PRI

**19.3 E-911/Disability Access Fee**

To support funding of the state 911 and access to telecommunications for the disabled programs, the Company collects a monthly surcharge from its customers.

E-911/Disability Access Fee: \$0.85 per month, per line/trunk equivalent

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**SECTION 19 – SURCHARGES AND FEES****19.4 In-State Carrier Cost Recovery Fee**

A monthly service charge will be applied to each intra-state Customer's account in order to recover certain costs associated with the Company's compliance with annual regulatory compliance fees, foreign LLC maintenance and wholesale cost increases resulting from recent regulatory actions. This monthly charge is applied if a Customer has \$0.01 or more of new billable charges on their bill, including, but not limited to, monthly recurring charges, or minimum usage charges. This charge does not contribute towards any applicable minimum monthly charge.

In-State Carrier Cost Recovery Fee	<u>Amount</u>
	3.5% of billed intrastate charges

**19.5 Printed Invoice Fee**

The Company provides local exchange services exclusively to business customers; Company does not provide service to residential customers. All business customers are offered the ability to use electronic/e-mail billing and payment options to manage their relationship with the Company. The Company incurs expenses rendering paper invoices and processing non-electronic payments. The Company therefore will assess a Printed Invoice Fee for those customers who continue to choose the paper invoice/non-electronic payment option.

Printed Invoice Fee	<u>Amount</u>
	\$3.50 per invoice

**19.6 Property Tax Surcharge – Business Customers**

The Property Tax Surcharge applies as a line item on Business Customers' bills. For Business Customers, the monthly surcharge is as follows and payment is due on the due date specified on the bill.

- A. Dial Tone Line and Digital Centrex Services - \$1.47 per line
- B. Single Line Business and ValuePack for Business - \$1.47 per line
- C. Unlimited Local Usage for Business and Unlimited Local and Toll Usage for Business - \$1.47 per line.
- D. ISDN Basic Service - \$1.47 per Digital Subscriber Line or Digital Centrex Line
- E. ISDN Primary Service - \$7.35 per Port
- F. Flexible Digital PBX - \$35.28 per Digital Port
- G. Analog to Digital Conversion PBX Service - \$35.28 per Converter
- H. Enhanced High-Capacity (HC) Service - \$1.47 per Analog Line/PBX Trunk/Centrex Plus Channel

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**SECTION 20 - RATES**

- 1. Exchange and Network Services
  - 1.1 Tariff Information and General Regulations
    - 1.1.1 Reserved for Future Use

## 1.1.2 Returned Check

Service Category	Rate Element	Rate
Returned Check	Returned check charge	30.00 (I)

## 1.1.3 Customer Assistance Programs

Service Category	Rate Element	Rate
Lifeline	Recurring reduction consisting of \$8.79 (I) of state support and \$3.50 of additional federal support	12.29
Enhanced Lifeline	Additional reduction applied to the Basic Monthly Service Rate – per month – per primary residential connection – Note: The enhanced lifeline reduction is that amount combined with the Lifeline reduction so as to arrive at a basic monthly service rate of \$1.00	See note

## 1.1.4 Payment Plans

Service Category	Rate Element	Rate
Transfer of Service	NRC	104.75

## 1.1.5 Market Trials

Service Category	Rate Element	Rate
Expanded Communication Calling Plus Service (ECCPS)	Residence and Business – Monthly – Per Line	1.50
	Residence – Overtime – Per Minute	.036
	Business – Overtime – Per Minute	.05
Unlimited Phone Home Calling Card Plan	Monthly – Per Line	3.25

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**SECTION 20 – RATES (Cont'd)**

## 1.2 Element, Premises Work and Other Service Charges

## 1.2.1 Element Charges

Service Category	Rate Element	Rate
Element 1 – Service	Business – Establishing service or moving to another premises – NRC – Per request	47.00 (I)
	Business – Other charges – NRC – Per request	34.71
Element 2 – Central Office Line Connection	Residence – NRC – Per central office line or trunk	13.50
	Business – NRC – Per central office line or trunk	59.00 (I)

## 1.2.2 Premises Work Charges

Service Category	Rate Element	Rate
Premises Work	Residence – First 30 minutes or fraction thereof – Monday thru Friday, 8AM-8PM and Saturday 8AM-5PM	27.50
	Business – First 30 minutes or fraction thereof – Monday thru Saturday, 8AM-5PM	27.50
	Residence and Business – First 30 minutes or fraction thereof – Sunday and Monday thru Saturday, excluding 8AM-5PM	41.25
	Residence and business – First 30 minutes or fraction thereof – Holidays	55.00
	Residence – Each additional 15 minutes or fraction thereof – Monday thru Friday, 8AM-8PM and Saturday 8AM-5PM	13.75
	Business – Each additional 15 minutes or fraction thereof – Monday thru Saturday, 8AM-5PM	13.75
	Residence and Business – Each additional 15 minutes or fraction thereof – Sunday and Monday thru Saturday, excluding 8AM-5PM	20.63
	Residence and Business – Each additional 15 minutes or fraction thereof – Holidays	27.50

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**SECTION 20 – RATES (Cont'd)****1.2.3 Other Service Charges**

Service Category	Rate Element	Rate
Restoral of Service	Residence – Per each account	10.00
	Business – Per each account	24.95 (I)
Temporary Suspension of Service	Residence – Reconnection of Service	10.00
	Business – Reconnection of Service	33.95 (I)
Establishment of Signal Power Levels	NRC – Per line	20.37
Party Line Modification	Coincident with other work requested by customer at premises – NRC – Per each telephone	8.49
	When modification is only work requested by customer at premises – NRC – 1 <sup>st</sup> telephone	20.37
	When modification is only work requested by customer at premises – NRC – Each additional telephone	8.49
	Testing Only – Per line	3.88
Rewire	For connecting into service Centrex main or extension station lines, per line	4.85
	For Rewire Only Work – Done at one time	14.55
Standard Jacks – Voice	Miniature Modular – 1 or 2 line capacity – NRC – each	2.40
	Miniature Modular – 3 line capacity – NRC – each	9.00
	Miniature Ribbon Connector – NRC – Each	42.00
	Series – NRC – each	12.60
	Weatherproof – 3 position – Marine, recreation vehicles, other moveable premises - NRC	49.20
Standard Jacks – Data	Programmed – NRC – each	25.20
	Universal – NRC – each	39.60
	Multiple Line – For use with fixed-loss loop and programmable data equipment – Line circuit cards – NRC – Each (one card is required for each line connected to multiple line data jack common equipment)	336.00
	Multiple Line – For use with fixed loss loop and programmable data equipment – Wall mounting with cover – NRC – each	49.20
	Multiple Line – For use with fixed loss loop and programmable data equipment – Wall mounting with cover – NRC – Each	74.40
	Multiple Line – For use with fixed loss loop and programmable data equipment – Rack mounting – NRC – Each	49.20

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**SECTION 20 – RATES (Cont'd)**

## 1.3 Connections of Customer Premises Equipment to the Telecommunications Network

## 1.3.1 Protection Equipment for Service to Power Stations

Service Category	Rate Element	Rate
Neutralizing Transformer Suitable for Exchange and Private Line Services Requiring Direct Current Transmission	Single Channel Unit – Up to 4,000 volts – NRC – Per termination	133.85
	Single Channel Unit – Up to 4,000 volts – Monthly – Per termination	20.13
	Single Channel Unit – Over 4,000 volts – NRC – Per termination	133.85
	Single Channel Unit – Over 4,000 volts – Monthly – Per termination	33.46
	Multiple Channel Unit – (maximum 25 channels) – Up to 9,000 volts – NRC – Per termination	32.98
	Multiple Channel Unit – (maximum 25 channels) – Up to 9,000 volts – Monthly – Per termination	26.67
Isolation Transformers Suitable for Private Line Services Requiring Alternating Current Transmission	Single Channel Units – Up to 9,000 volts – NRC – Per termination	32.98
	Single Channel Units – Up to 9,000 volts – Monthly – Per termination	7.76
Mutual Drainage Reactors	NRC – Each	32.98
	Monthly – Each	4.03

## 1.3.2 Connecting Arrangements

Service Category	Rate Element	Rate
Data Access	Arrangement for Manual Connection – NRC – Each	6.79
	Arrangement for Manual Connection – Monthly – Each	2.09
	Arrangement for unattended sending and receiving through a voltage-type control interface – NRC – Each	13.58
	Arrangement for unattended sending and receiving through a voltage-type control interface – Monthly – Each	6.21
	Arrangement for unattended sending and receiving through a contact closure-type interface – NRC – Each	13.58
	Arrangement for unattended sending and receiving through a contact closure-type interface – Monthly – Each	4.12
Voice Manual Arrangement	Conditioned to accept customer provided supervisory signals – NRC – Per trunk line arranged	6.79
	Conditioned to accept customer provided supervisory signals – Monthly – Per trunk line arranged	2.86
	Not conditioned to accept customer provided supervisory signals – NRC – Per trunk line arranged	6.79
	Not conditioned to accept customer provided supervisory signals – Monthly – Per trunk line arranged	2.86

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**SECTION 20 – RATES (Cont'd)****1.3.2 Connecting Arrangements (Cont'd)**

Service Category	Rate Element	Rate
Voice Automatic Arrangement	One-way inward only service to the attendant position – NRC – Per trunk line arranged	6.79
	One-way inward only service to the attendant position – Monthly – Per trunk line arranged	3.93
	One-way outward only service from the attendant position – NRC – Per trunk line arranged	6.79
	One-way outward only service from the attendant position – Monthly – Per trunk line arranged	4.12
	One-way outward only service from switching equipment – NRC – Per trunk line arranged	6.79
	One-way outward only service from switching equipment – Monthly – Pre trunk line arranged	4.12
	One-way outward only service to the operator position of a Telco toll board – NRC – Per outward toll terminal	6.79
	One-way outward only service to the operator position of a Telco toll board – Monthly – Per outward toll terminal	4.12
	Two-way service, attendant position only – NRC – Per trunk line arranged	6.79
	Two-way service, attendant position only – Monthly – Per trunk line arranged	5.97
	Two-way service, attendant position and switching equipment (outward only service from switching equipment) – NRC – Per trunk line arranged	6.79
	Two-way service, attendant position and switching equipment (outward only service from switching equipment) – Monthly – Per trunk line arranged	5.97
	Arrangement to transfer up to four trunks to a like number of telephones, with immediate restoral – NRC – Per four trunk group arrangement	26.19
	Arrangement to transfer up to four trunks to a like number of telephones, with immediate restoral – Monthly – Pre four trunk group arrangement	2.09
	Arrangement to transfer one trunk to one telephone with delayed restoral – NRC – Per arrangement	20.37
	Arrangement to transfer one trunk to one telephone with delayed restoral – Monthly – Per arrangement	1.50
	To an exchange line terminating in terminal equipment – NRC – Per line equipped	26.19
	To an exchange line terminating in terminal equipment – Monthly – Per line equipped	6.21
	To an exchange line terminating in terminal equipment – NRC – Per line equipped	26.19

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**SECTION 20 – RATES (Cont'd)****1.3.2 Connecting Arrangements (Cont'd)**

Service Category	Rate Element	Rate
	To an exchange line terminating in terminal equipment – Monthly – Per line equipped	6.21
	To an exchange line terminating in terminal equipment – NRC – Per line equipped	26.19
	To an exchange line terminating in terminal equipment – Monthly – Per line equipped	5.97
	To bridge to an exchange line terminating in a telephone – NRC – Per line equipped	26.19
	To bridge to an exchange line terminating in a telephone – Monthly – Per line equipped	6.21
	Multi-line terminating system to private line terminating at distant end in PBX or Centrex (dial or automatic signaling) – NRC – Per arrangement with Telco provided signaling equipment	6.79
	Multi-line terminating system to private line terminating at distance end in PBX or Centrex (dial or automatic signaling) – Monthly – Per arrangement with Telco provided signaling equipment	3.93
	Multi-line terminating system to provide line terminating at distant end in PBX or Centrex (dial or automatic signaling) – NRC – Per arrangement with customer provided signaling equipment	6.79
	Multi-line terminating system to provide line terminating at distant end in PBX or Centrex (dial or automatic signaling) – Monthly – Per arrangement with customer provided signaling equipment	3.93
	Alarm Coupler for one-way transmission – NRC	26.19
	Alarm Coupler for one-way transmission – Monthly	3.15
	Alarm Coupler for two-way transmission – NRC	26.19
	Alarm Coupler for two-way transmission – Monthly	3.15
	Alarm Coupler to transmit and receive supervisory tones – NRC	27.16
	Alarm Coupler to transmit and receive supervisory tones – Monthly	7.03
	Alarm Coupler for originate only or originate and answer – NRC	26.19
	Alarm Coupler for originate only or originate and answer – Monthly	6.21
	Arrangement to permit the connection of a rotary repertory dialer – NRC – Each	26.19
	Arrangement to permit the connection of a rotary repertory dialer – Monthly – Each	3.15
	Termination of customer provided tie lines with customer provided channel signaling in PBX or Centrex – NRC – Per PBX termination	41.71

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**SECTION 20 – RATES (Cont'd)****1.3.2 Connecting Arrangements (Cont'd)**

Service Category	Rate Element	Rate
	Termination of customer provided tie lines with customer provided channel signaling in PBX or Centrex – Monthly – Per PBX termination	10.18
	Termination of customer provided tie lines with customer provided channel signaling in PBX or Centrex – NRC – Per Centrex termination	51.41
	Termination of customer provided tie lines with customer provided channel signaling in PBX or Centrex – Monthly – Per Centrex termination	19.88
	To associate message registers – NRC – Per trunk line	6.79
	To associate message registers – Monthly – Per trunk line	2.57
Special	Recorder Connector Equipment – With or without an automatic recorder tone device – NRC – Each	20.37
	Recorder Connector Equipment – With or without an automatic recorder tone device – Monthly – Each	2.09
	Recorder Connector Equipment – Jack for portable recorder connector equipment – NRC – Each	20.37
	Recorder Connector Equipment – Portable jack box associated with portable recorder connector equipment, for use at cord switchboards – Monthly – Each	1.07
	Recorder Connector Equipment – Private line or central office lines (municipal fire/police, other emergency) Without an automatic recorder tone device – NRC – Each	20.37
	Recorder Connector Equipment – Private line or central office lines (municipal fire/policy, other emergency) Without an automatic recorder tone device – Monthly – Each	1.07
	Recorder Connector Equipment – Use with exchange lines to record incoming messages without an automatic recorder tone device – Monthly – Each	1.07
	Recorder Connector Equipment – Use with exchange lines to record incoming messages – Transfer relay and cutoff arrangement – Monthly - Each	2.09
	Recorder Coupler Equipment – For the connection of unattended recording, reproducing and automatic answering and recording equipment with the facilities of the Telco – NRC – Each	26.19
	Recorder Coupler Equipment – For the connection of unattended recording, reproducing and automatic answering and recording equipment with the facilities of the Telco – Monthly – Each	4.12

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**SECTION 20 – RATES (Cont'd)****1.3.2 Connecting Arrangements (Cont'd)**

Service Category	Rate Element	Rate
	Voice Connecting – To connect answer only terminal equipment where two-way transmission is required – NRC – Per line equipped	26.19
	Voice Connecting – To connect answer only terminal equipment where two-way transmission is required – Monthly – Per line equipped	5.72
	Voice Connecting – To connect answer only terminal equipment where receive only transmission and automatic volume limiting are required – NRC – Per line equipped	26.19
	Voice Connecting – To connect answer only terminal equipment where receive only transmission and automatic volume limiting are required – Monthly – Per line equipped	6.69
	Voice Connecting – To connect answer only terminal equipment and to provide for the connection of automatic answering devices to central office lines – NRC – Per line equipped	26.19
	Voice Connecting – To connect answer only terminal equipment and to provide for the connection of automatic answering devices to central office lines – Monthly – Per line equipped	2.57

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**SECTION 20 – RATES (Cont'd)**

## 1.4. Exchange Service

## 1.4.1 Basic Exchange Services

Service Category	Rate Element	Rate 1	Rate 2
Dial Tone Line Exchange Rates	Residence – Monthly	12.70	
	Business – Month-to-Month – Monthly	19.99	
	Business – 24 Month Commitment – Monthly	15.95	
Local Message 128 LATA	Residence – Zone 1 exchanges – Per message	.015 (I)	
	Residence – Zone 2 exchanges – Per message	.015 (I)	
	Business – Zone 1 exchanges – Per message	.015 (I)	
	Business – Zone 2 exchanges – Per message	.015 (I)	
	Residence – Zone 1 exchanges – Per minute	.016	
	Residence – Zone 2 exchanges – Per minute	.016	
	Business – Zone 1 exchanges – Per minute	.0300	
	Business – Zone 2 exchanges – Per minute	.0300	
Local Message 413 LATA	Residence – Per message	.015 (I)	
	Business – Per message	.015 (I)	
	Residence – Peak – Per minute	.016	
	Business – Peak – Per minute	.0300	
	Residence – Off-peak – Per minute	.008	
	Business – Off-peak – Per minute	.0300	
Usage	Unlimited – Residence – 1 party	6.94	
	Unlimited – Residence – 2 party	13.15	
	Unlimited – Business – 1 party	26.77	
	Trunk – Business	46.99	
Announcement Lines	NRC	15.76	
	Monthly	26.61	
Door Answering Service Lines (in exchanges where unlimited service is not offered)	Monthly	29.93	

## 1.4.2 Other Adjunct Services

Service Category	Rate Element	Rate
Joint User Service	Measured Service – Each joint user	1.81
	Unlimited Service - % of the monthly rate for one (1) party line, or for 1 PBX trunk line – Each joint user	33 1/3%

## 1.4.3 Dormitory Communications Service

Service Category	Rate Element	Rate
DCS	Option 1 – Note: Same rate as that for similar 1 party residence main telephone exchange service less .10	See Note
	Option 2 – Note: Same rate as that for similar 1 party main telephone exchange service	See Note

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**SECTION 20 – RATES (Cont'd)****1.4.4 Directory Listing Service**

Service Category	Rate Element	Rate
Additional Listing	Residence Service – Each	3.45 (I)
	Business Service – Each	4.60 (I)
Nonpublished Service	Per line	5.70 (I)
Nondirectory Listed Service	Per listing	3.45 (I)

**1.4.5 Directory Assistance Service**

Service Category	Rate Element	Rate
Directory Assistance Service	Directly dialed directory assistance calls for listings within a customer's LATA in excess of the call allowance – Each	1.50 (I)
	Directly dialed directory assistance calls for Massachusetts listings outside a customer's LATA in excess of the call allowance – Each	1.50 (I)
	Calls to directory assistance via a local or MTS operator, in excess of the call allowance - Each	1.50 (I)

**1.4.6 Operator Call Completion Service**

Service Category	Rate Element	Rate
Operator Call Completion	Per each call dialed and completed	.35

**1.4.7 Electronic White Pages**

Service Category	Rate Element	Rate
Additional User ID	NRC – Per user ID	10.00
Usage Rates	Screen Charge – Casual Access – Per screen	.10
	Screen Charge – Dedicated Access – Per screen	.09
	System Usage Charge – Casual Access – Per minute of use	.1667
	System Usage Charge – Dedicated Access – Per minute of use	.1567
Optional Features – User Activity Data Report	Electronic Transmission Processing – Monthly	20.00
	Electronic Transmission Processing – Semi-monthly	40.00
	Electronic Transmission Processing – Weekly	80.00
	Magnetic Tape Processing – Monthly	40.00
	Magnetic Tape Processing – Semi-monthly	80.00
	Magnetic Tape Processing - Weekly	160.00
	Per Record Charge – Per record	.01

**1.4.8 Personal Messenger/Personal Messenger Plus Service**

Service Category	Rate Element	Rate
Personal Messenger	Monthly – Per line	5.42
Personal Messenger Plus CIS – CC	Monthly – Per line	14.10

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**SECTION 20 – RATES (Cont'd)****1.4.9 Busy Line Verification and Busy Line Interrupt**

Service Category	Rate Element	Rate
Busy Line Verification	Each request	1.12
Busy Line Interrupt	With Verification – Each request	2.25

**1.4.10 Other Exchange Services**

Service Category	Rate Element	Rate
Circle Calling Service	Usage – Monthly – All exchanges	18.50
Expanded Community Calling Service	Residence – Initial two hours of calling – Per line	.98
	Business – Initial two hours of calling – Per line	2.38
	617/508 LATA – Each additional minute or fraction of a minute of overtime usage	.038
	413 LATA – Each additional minute of overtime usage	.038
Suburban Service	Usage – Resident 1 party service – Monthly	8.13
Metropolitan Service	Usage – All exchanges – Monthly	13.75 (I)
Bay State East Service	Initial one hour	3.00
	Each additional minute or fraction	.04
Call Around 413 Plus Service	1 Party Line Service – Monthly	18.36 (I)
Eastern LATA Unlimited Calling Plan	1 Party Line Service – Monthly	40.60 (I)

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**SECTION 20 – RATES (Cont'd)**

## 1.5 Auxiliary Exchange Services

## 1.5.1 Custom Calling Service

Service Category	Rate Element	Rate
Call Waiting	Residence – Monthly – Each line equipped	6.00 (I)
	Business – Monthly – Each line equipped	8.00 (I)
Talking Call Waiting	Residence – Monthly – Each line equipped	3.50 (I)
	Business – Monthly – Each line equipped	2.50
Call Forwarding	Residence – Monthly – Each line equipped	5.00 (I)
	Business – Monthly – Each line equipped	8.00 (I)
Call Forwarding Busy Line Don't Answer, Call Forwarding Busy Line, Call Forwarding Don't Answer	Busy Line – Residence – Monthly – Each line equipped	2.50 (I)
	Busy Line – Business – Monthly – Each line equipped	5.00 (I)
	Don't Answer – Residence – Monthly – Each line equipped	2.50 (I)
	Don't Answer – Business – Monthly – Each line equipped	5.00 (I)
	Busy Line/Don't Answer – Residence – Monthly – Each line equipped	3.25 (I)
	Busy Line/Don't Answer – Business – Monthly – Each line equipped	5.00
Three-Way Calling	Residence – Monthly – Each line equipped	5.00 (I)
	Business – Monthly – Each line equipped	7.25 (I)
Usage Three-Way Calling	Usage Three-Way Calling – Residence and Business – Per activation charge	.75
	Residence – Monthly capped amount applicable to per activation charges for Usage Three-Way Calling	9.00
	Business – Monthly capped amount applicable to per activation charges for Usage Three-Way Calling	7.50
Speed Dialing – 8 Code	Residence – Monthly – Each line equipped	5.00 (I)
	Business – Monthly – Each line equipped	6.25
Speed Dialing – 30 Code	Residence – Monthly – Each line equipped	7.00 (I)
	Business – Monthly – Each line equipped	7.00
Customer Calling Package Discount	Residence discount applicable to each service excluding the first one	.50
	Business discount applicable to each service excluding the first one	1.22

## 1.5.2 Touch Tone Calling Service

Service Category	Rate Element	Rate
Centrex Service	Type I, II and Custom – Monthly – Per Centrex main line arranged	.54
Change	Change to touch tone after conversion period – NRC	3.49

## 1.5.3 Remote Call Forwarding

Service Category	Rate Element	Rate
Remote Call Forwarding	Monthly – Residence	21.99 (I)
Remote Call Forwarding	Monthly – Business	21.99 (N)

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**SECTION 20 – RATES (Cont'd)****1.5.4 Special Reversed Charge Toll Service**

Service Category	Rate Element	Rate
Special Reversed Charge Toll Service	Monthly – Each exchange arranged	6.79
	NRC – Each exchange arranged	15.76

**1.5.5 Stop Hunt Arrangement**

Service Category	Rate Element	Rate
Stop Hunt Arrangement	Monthly – Per each arrangement	5.29

**1.5.6 Make Busy Arrangement**

Service Category	Rate Element	Rate
Made Busy Arrangement	Monthly – Per each arrangement	5.29

**1.5.7 Signal Line Filter**

Service Category	Rate Element	Rate
Signal Line Filter	Monthly – Per each arrangement	5.97 (I)
	NRC – Per each arrangement	32.98

**1.5.8 Curb A Charge Service**

Service Category	Rate Element	Rate
Originating Number Screening	Operator Screening – Monthly – Per line equipped	.97
	Direct Dialed Screening – Monthly – Per line equipped	.97
Terminating Number Screening	Options A, B or C – Residence and/or Business – NRC – Per line equipped, each	.00
	Option A – PBX trunk lines – NRC – Per system request, per 100 numbers equipped or fraction thereof	50.00
	Option B – PBX trunk lines – NRC – Per system per request, per 100 numbers equipped or fraction thereof	50.00
	Option C – PBX trunk lines – NRC – Per system per request, per 100 numbers equipped or fraction thereof	50.00

**1.5.9 SmartDial Calling Service**

Service Category	Rate Element	Rate
SmartDial – Residence	Basic Package – Monthly – Per each line equipped	15.00
	Optional Feature Package 1 – Monthly – Per each line equipped	17.00
	Optional Feature Package 2 – Monthly – Per each line equipped	17.00
	Optional Feature Package 3 – Monthly – Per each line equipped	20.00
	Optional Feature Package 4 – Monthly – Per each line equipped	20.00

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**SECTION 20 – RATES (Cont'd)****1.5.9 SmartDial Calling Service**

Service Category	Rate Element	Rate
SmartDial Vintage I Basic Package – Business	Month-to-month – Per each line equipped	20.00 (I)
	36 months – Per each line equipped	7.00 (I)
	60 months – Per each line equipped	6.00 (I)
	Optional Feature Package 1 – month-to-month – Per each line equipped	20.00 (I)
	Option Feature Package 2 – month-to-month – Per each line equipped	20.00 (I)
	Option Feature Package 3 – month-to-month – Per each line equipped	20.00 (I)
	Option Feature Package 4 – month-to-month – Per each line equipped	22.00 (I)
	Optional Feature Package 1 – 36 months – Per each line equipped	10.50 (I)
	Optional Feature Package 2 – 36 months – Per each line equipped	10.50 (I)
	Optional Feature Package 3 – 36 months – Per each line equipped	12.00 (I)
	Optional Feature Package 4 – 36 months – Per each line equipped	12.00 (I)
	Optional Feature Package 1 – 60 months – Per each line equipped	9.00 (I)
	Optional Feature Package 2 – 60 months – Per each line equipped	9.00 (I)
	Optional Feature Package 3 – 60 months – Per each line equipped	10.50 (I)
	Optional Feature Package 4 – 60 months – Per each line equipped	10.50 (I)

**1.5.10 Pulse Transport Service**

Service Category	Rate Element	Rate
Pulse	Service Establishment – NRC – Per port activated on the message switch (2 ports required)	1,000.00
	Monthly – Per port activated on the message switch (2 ports required)	100.00 (I)
	Monthly – Month-to-month – Per patron line equipped	11.00 (I)
	Monthly – 3 year service period – Per patron line equipped	10.00 (R)
	Monthly – 5 year service period – Per patron line equipped	9.50 (I)
	NRC – Per patron line equipped	100.00

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**SECTION 20 – RATES (Cont'd)**

## 1.5.11 Extended Basic Referral

Service Category	Rate Element	Rate
Extended Basic Referral	Service Establishment – NRC	150.00
	Monthly – Per telephone number equipped	10.00

## 1.5.12 Simplified Message Desk Interface (SMDI)

Service Category	Rate Element	Rate
SMDI	Feature Establishment – NRC	1,500.00
	Central Office Automatic Message Line Equipment – Monthly – Per link	345.00
ISVM Optional Enhancement	NRC – Each	2,000.00
	Monthly – Each	3,000.00

## 1.5.13 Distinctive Ring Service

Service Category	Rate Element	Rate
Service Package 1	Residence – Monthly	5.00 (I)
	Business – Monthly	8.00
Service Package 2	Residence – Monthly	7.00 (I)
	Business – Monthly	10.60

## 1.5.14 Smartphone Service

Service Category	Rate Element	Rate
Smartphone	Anonymous Call Rejection – Monthly – Each line equipped	4.00 (I)
	Residence - *69 – Monthly – Each line equipped	5.00 (I)
	Business - *69 – Monthly – Each line equipped	5.75 (I)
	Residence - *69 – Per activation charge	.75
	Business - *69 – Per activation charge	.75
	Residence – Call Trace – Per activation charge, each activation	4.00
	Business – Call Trace – Per activation charge, each activation	5.00
	Call Trace – Case preparation charge	5.00
	Residence – Caller ID – Number Only – Monthly – Each line equipped	7.50 (I)
	Business – Caller ID – Number Only – Monthly – Each line equipped	9.50
	Residence – Caller ID – Monthly – Each line equipped	9.00 (I)
	Business – Caller ID – Monthly – Each line equipped	10.50
	Residence – Call Waiting ID Deluxe – Number Only – Monthly – Each line equipped	7.50 (I)
	Business – Call Waiting ID Deluxe – Number Only – Monthly – Each line equipped	7.50
	Residence – Call Waiting ID Deluxe – Monthly – Each line equipped	9.00 (I)

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**SECTION 20 – RATES (Cont'd)****1.5.14 Smartphone Service (Cont'd)**

Service Category	Rate Element	Rate
	Business – Call Waiting ID Deluxe – Monthly – Each line equipped	10.50
	Residence – Call Waiting ID – Monthly – Each line equipped	7.50 (I)
	Business – Call Waiting ID – Monthly – Each line equipped	7.50
	Residence – Call Waiting ID With Name – Monthly – Each line equipped	9.00 (I)
	Business – Call Waiting ID With Name – Monthly – Each line equipped	10.50
	Residence – Busy Redial – Monthly – Each line equipped	5.00 (I)
	Business – Busy Redial – Monthly – Each line equipped	4.50
	Residence – Busy Redial – Per activation charge	.75
	Business – Busy Redial – Per activation charge	.75
	Residence – Busy Redial and *69 – Monthly – Each line equipped	7.75 (I)
	Business – Busy Redial and *69 – Monthly – Each line equipped	8.75
	Residence – Monthly capped amount applicable to per activation charges for *69 and Busy Redial	9.00
	Business – Monthly capped amount applicable to per activation charges for *69 and Busy Redial	9.00
	Call Intercept – Monthly – Each line equipped	6.00 (I)

**1.5.15 Reserved for Future Use**

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**SECTION 20 – RATES (Cont'd)**

## 1.5.16 Ultra Forward

Service Category	Rate Element	Rate
Ultra Forward	1-20 Telephone Numbers – Each number	2.50
	21-40 Telephone Numbers – Each number	2.40
	41+ Telephone Numbers – Each number	4.00 (I)

## 1.5.17 Custom Redirect Service

Service Category	Rate Element	Rate
NRCs	Service Establishment	500.00
	Per equipped number	2.35
	Password Initialization – Per occasion	50.00
	Rearrangement or Change – Per occasion	250.00
	Rearrangement or Change – Per number	2.35
Equipped Number	Monthly – 1 through 50 lines – Per equipped number	2.50
	Monthly – 51 through 100 lines – Per equipped number	2.35
	Monthly – 101 through 500 lines – Per equipped number	2.00
	Monthly – 501 through 1,000 lines – Per equipped number	1.50
	Monthly – Over 1,000 lines – Per equipped number	1.10
	Monthly – Five year contract – Minimum 500 lines – Per equipped number	1.10
Group Charges	NRC	50.00
	Monthly – 1 to 1,000 queries – Per group	25.00
	Monthly – 1,001 to 10,000 queries – Per group	80.00
	Monthly – 10,001 to 25,000 queries – Per group	150.00
	Monthly – 25,001 to 50,000 queries – Per group	280.00
	Monthly – 50,001 to 75,000 queries – Per group	425.00
	Monthly – 75,001 to 100,000 queries – Per group	550.00
	Monthly – 100,001 to 250,000 queries – Per group	1,300.00
	Monthly – 250,001 to 500,000 queries – Per group	2,500.00
	Monthly – 500,001 to 750,000 queries – Per group	3,600.00
	Monthly – 750,001 to 1,000,000 queries – Per group	4,500.00
	Monthly – 1,000,001 queries and over – Per group – Note: Other Group Rates will be combined for a monthly rate	See Note
Redirecting Telephone Number	NRC	5.00
	Monthly	1.00

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**SECTION 20 – RATES (Cont'd)****1.5.17 Custom Redirect Service (Cont'd)**

Service Category	Rate Element	Rate
Optional Features	NRC – 4 <sup>th</sup> – 9 <sup>th</sup> options – Per option	200.00
	Monthly – 4 <sup>th</sup> – 9 <sup>th</sup> options – Per option	25.00 (I)
	NRC – Time-of-Day, Day-of-Week Redirection	100.00
	Monthly – Time-of-Day, Day-of-Week Redirection	25.00 (I)
	NRC – Percentage Reduction	100.00
	Monthly – Percentage Redirection	25.00 (I)
	NRC – Number Identification Redirecting (includes first 100 numbers)	500.00
	Monthly – Number Identification Redirecting (includes first 100 numbers)	50.00 (I)
	NRC – Number Identification Redirecting – Per 100 Numbers after initial 100 numbers	100.00
	Monthly – Number Identification Redirecting – Per 100 Numbers after initial 100 numbers	10.00 (I)
	Single Number Destination – NRC – Per group	50.00
	Single Number Destination – Monthly – Per group	10.00 (I)
	Custom Applications – NRC – Each	200.00
	Custom Applications – Monthly – Each	25.00 (I)
Enhanced Features	SuperGroups – NRC – Per SuperGroup	50.00
	SuperGroups – Monthly – Per SuperGroup	1.00 (I)
	Alternate Central Office Trigger – NRC – Per central office	500.00
	Alternate Central Office Trigger – Monthly – Per central office	1.00 (I)
Custom Transaction	Note: Rate and charges to be developed on an individual case basis	See Note

**1.6 Reserved for Future Use**

**SECTION 20 – RATES (Cont'd)**

## 1.7 Message Telecommunications Service (MTS)

## 1.7.1 Message Telecommunications Service

Service Category	Rate Element	Rate
Schedule 1	Initial Period – Day – 0-10 airline miles	.19
	Initial Period – Evening – 1-10 airline miles	.124
	Initial Period – Night/Weekend – 0-10 airline miles	.076
	Initial Period – Day – 11 and up airline miles	.26
	Initial Period – Evening – 11 and up airline miles	.169
	Initial Period – Night/Weekend – 11 and up airline miles	.104
	Overtime Period – Day – 0-10 airline miles	.09
	Overtime Period – Evening – 1-10 airline miles	.059
	Overtime Period – Night/Weekend – 1-10 airline miles	.036
	Overtime Period – Day – 11 and up airline miles	.12
	Overtime Period – Evening – 11 and up airline miles	.078
	Overtime Period – Night/Weekend – 11 and up airline miles	.048
Schedule 2	Initial Period – Day – 0-10 airline miles	.14
	Initial Period – Evening – 0-10 airline miles	.074
	Initial Period – Night/Weekend – 0-10 airline miles	.046
	Initial Period – Day – 11-14 airline miles	.21
	Initial Period – Evening – 11-14 airline miles	.119
	Initial Period – Night/Weekend – 11-14 airline miles	.054
	Initial Period – Day – 15 and up airline miles	.27
	Initial Period – Evening – 15 and up airline miles	.158
	Initial Period – Night/Weekend – 15 and up airline miles	.078
	Overtime Period – Day – 0-10 airline miles	.06
	Overtime Period – Evening – 0-10 airline miles	.055
	Overtime Period – Night/Weekend – 0-10 airline miles	.036
	Overtime Period – Day – 11-14 airline miles	.09
	Overtime Period – Evening – 11-14 airline miles	.055
	Overtime Period – Night/Weekend – 11-14 airline miles	.036
	Overtime Period – Day – 15 and up airline miles	.11
	Overtime Period – Evening – 15 and up airline miles	.061
	Overtime Period – Night/Weekend – 15 and up airline miles	.036
Schedule 3	Per message	.015 (I)
	Day – Per minute	.075
	Evening – Per minute	.075
	Night/Weekend – Per minute	.075

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**SECTION 20 – RATES (Cont'd)****1.7.1 Message Telecommunications Service (Cont'd)**

Service Category	Rate Element	Rate
Schedule 4	Per message	.015 (I)
	Peak – Per minute	.17
	Off-Peak – Per minute	.11
Schedule 5	Per message	.015 (I)
	Day – Per minute	.22
	Evening – Per minute	.17
	Night/Weekend – Per Minute	.11
Schedule 6	Per message	.015 (I)
	Peak – Per minute	.075
	Off-Peak – Per minute	.075
Schedule 7	Per message	.015 (I)
	Peak – Per minute	.055
	Off-Peak – Per minute	.036
Incremental Charges	Customer Dialed – Calling card	.48
	Customer Dialed – Coin Paid Station-to-Station	.44
	Customer Dialed – Coinless Collect Mechanized	.86
	Corrections – Collect Call	.86
	Customer Dialed – Collect and Bill to Third Number	1.00
	Customer Dialed – Collect and Bill to Third Number Mechanized	.48
	Customer Dialed – Person-to-Person	2.63
	Operator Dialed – Calling Card	1.12
	Operator Dialed – Coin Paid Station-to-Station	1.05
	Operator Dialed – Collect	2.50
	Operator Dialed – Bill to Third Number	1.50
	Operator Dialed – Person-to-Person	3.16
	Operator Dialed – Station-to-Station	2.50

**1.7.2 Message Telecommunications Service for Disabled Persons**

Service Category	Rate Element	Rate
413 LATA	Peak – Per message, each	.015 (I)
	Off-Peak – Per message, each	.015 (I)
	Peak – Per minute	.0990
	Off-Peak – Per minute	.0675

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**SECTION 20 – RATES (Cont'd)**

1.7.3 Group Bridging Service

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**SECTION 20 – RATES (Cont'd)**

## 1.8 Other Services

## 1.8.1 Reserved for Future Use

## 1.8.2 Direct Inward Dialing Service

Service Category	Rate Element	Rate
DID	Per trunk equipped – NRC – Each	13.82
	Per trunk equipped – Monthly – Each	15.00 (I)
	Per Consecutive 100 Number Group (or fraction thereof) - Monthly	1.06 (I)

## 1.8.3 Automatic Identification of Outward Dialing Service for Private Branch Exchange Systems

Service Category	Rate Element	Rate
Service Establishment	One Time Charge – Per PBX trunk group equipped for AIOD	193.99
AIOD	NRC – Per PBX trunk line equipped	23.28
	Monthly – Per PBX trunk line equipped	19.40 (I)

## 1.8.4 Toll Access Trunk Lines for Private Branch Exchange Systems

Service Category	Rate Element	Rate
Toll Access Trunk Line	Monthly – Each	10.67 (I)
Excess Toll Access Trunk Line	Monthly – Each	46.02 (I)
Arrangement	For toll access trunk lines to operate with a call rating system – NRC – Per central office, per customer	166.83
	For toll access trunk lines to operate with a call rating system – Monthly – Per central office, per customer	9.46 (I)

## 1.8.5 Toll Diversion Trunk Lines for Private Branch Exchange Systems

Service Category	Rate Element	Rate
Toll Diversion Trunk Line	NRC – Per trunk equipped	15.76
	Monthly – Per trunk equipped	7.03 (I)
	Maximum Charge – NRC – For all trunks equipped at one time	133.85

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**SECTION 20 – RATES (Cont'd)****1.8.6 Arrangements for Toll Billing Information for Private Branch Exchange Systems**

Service Category	Rate Element	Rate
Arrangements for Toll Billing Information	Monthly – Each group of 20 code numbers	2.67 (I)
	Minimum Monthly Charge – Per system	26.67

**1.8.7 Special Central Office Terminal Equipment for Private Branch Exchange Systems**

Service Category	Rate Element	Rate
Equipment for Night, Sunday and Holiday Service	Monthly – Each trunk line equipped	1.99

**1.8.8 Message Registration for Private Branch Exchange Systems**

Service Category	Rate Element	Rate
Common Equipment – Central Office	NRC – Each group of 20 trunks – First ten trunks	329.78
	NRC – Each group of 20 trunks – Second ten trunks	133.85

**1.8.9 – 1.8.13 Reserved for Future Use****1.8.14 Automatic Call Distributing Systems Provided by Electronic Switching Systems (ACD-ESS) – Type A**

Service Category	Rate Element	Rate
Service Establishment	One Time Charge – Per system	751.70
Basic Common Equipment	NRC – Per system	1,454.91
	Monthly – Per system	34.43
	Monthly – Per additional queue slot	2.09
Central Office Termination	One queue slot per two stations is provided – NRC – Per station	8.49
	One queue slot per two stations is provided – Monthly – Per station	8.97
Make Busy Arrangements	NRC – Per station	41.71
	Monthly – Per station	3.44
	NRC – Per group of stations	41.71
	Monthly – Per group of stations	3.44
Call Waiting Indication	NRC – Per unique timing state to be indicated	51.41
	Monthly – Per unique timing state to be indicated	5.48

**SECTION 20 – RATES (Cont'd)****1.8.14 Automatic Call Distributing Systems Provided by Electronic Switching Systems (ACD-ESS) – Type A (Cont'd)**

Service Category	Rate Element	Rate
Delay Announcements	NRC – Per announcement	35.89
	Monthly – Per announcement	119.30 (I)
	NRC – Per announcement access trunk	35.89
	Monthly – Per announcement access trunk	17.46 (I)
	Monthly – Per station	3.93 (I)
Foreign Exchange and Foreign Central Office Termination	On ACD-ESS queuing equipment – Monthly – Each	64.99 (I)
Tie Line or CCSA Access Line Termination	On ACD-ESS queuing equipment – Monthly – Each	85.35 (I)
	On ACD-ESS not terminated on queuing equipment – NRC – Each	67.90
	On ACD-ESS not terminated on queuing equipment – Monthly – Each	76.63 (I)
Night Service	NRC – Per arrangement	35.89
	Monthly – Per arrangement	3.73 (I)

**1.8.15 Group Alerting System**

Service Category	Rate Element	Rate
Basic System	Common Equipment – For 1 control station line and up to 63 called telephones arranged in a basic group – NRC	99.90
	Common Equipment – For 1 control station line and up to 63 called telephones arranged in a basic group - Monthly	33.46 (I)
	Common Equipment – For each additional control station line – NRC	15.76
	Common Equipment – For each additional control station line – Monthly	3.64 (I)
	Lamp illumination – NRC – Per called Centrex station line	5.33
	Lamp illumination – Monthly – Per called Centrex station line	3.35
	Line Equipment – NRC – Per each called station line arranged	15.76
	Line Equipment – Monthly – Per each called station line arranged	2.28
Changes	To change the answering arrangement of called telephones – NRC	66.93
	To change the basic group arrangement at the common equipment - NRC	15.76



**SECTION 20 – RATES (Cont'd)****1.8.16 Apartment Door Answering Service**

Service Category	Rate Element	Rate
Central Office Common Equipment	With maximum capacity to serve 400 apartments and 4 lobby locations – Monthly	124.64 (I)
Apartment Terminations	With Exchange Service – Monthly – Each apartment	1.24 (I)
	Without Exchange Service – Monthly – Each apartment	1.24 (I)

**1.8.17 Central Office Local Area Network Service (CO-LAN)**

Service Category	Rate Element	Rate
System Establishment	NRC – Per switching node	500.00
Port Connections	Asynchronous – NRC – Each	25.00
	Asynchronous – Monthly – Each	22.00 (I)
	Synchronous – Speeds up to 4.8 kbps – NRC – Each	25.00
	Synchronous – Speeds up to 4.8 kbps – Monthly – Each	48.00 (I)
	Synchronous – Speeds up to 9.6 kbps – NRC – Each	25.00
	Synchronous – Speeds up to 9.6 kbps – Monthly – Each	55.00 (I)
	Synchronous – Speeds up to 19.2 kbps – NRC – Each	25.00
	Synchronous – Speeds up to 19.2 kbps – Monthly – Each	80.00 (I)
Modem Pooling	Speeds up to 2.4 kbps – NRC – Per dial in or dial out modem	50.00
	Speeds up to 2.4 kbps – Monthly – Per dial in or dial out modem	35.00 (R)
	Speeds up to 9.6 kbps – NRC – Per dial in or dial out modem	50.00
	Speeds up to 9.6 kbps – Monthly – Per dial in or dial out modem	75.00 (I)
Multi-drop Service	NRC – Per host port equipped	50.00
	Monthly – Per host port equipped	20.00 (I)
Internodal Trunking	Asynchronous – NRC – Per port equipped to access internodal trunking facilities	10.00
	Asynchronous – Monthly – Per port equipped to access internodal trunking facilities	5.00 (I)
	Synchronous – Speeds up to 9.6 kbps – NRC – Per port equipped to access internodal trunking facilities	10.00
	Synchronous – Speeds up to 9.6 kbps – Monthly – Per port equipped to access internodal trunking facilities	15.00
	Synchronous – Speeds up to 19.2 kbps – NRC – Per port equipped to access internodal trunking facilities	10.00
	Synchronous – Speeds up to 19.2 kbps – Monthly – Per port equipped to access internodal trunking facilities	20.00 (I)

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**SECTION 20 – RATES (Cont'd)****1.8.17 Central Office Local Area Network Service (CO-LAN) (Cont'd)**

Service Category	Rate Element	Rate
Reports Package	NRC	500.00
	Monthly	50.00 (I)
Changes	Changes to Ports – Software only – NRC – Per port	5.00
	Changes to Ports – Hardware and software only – NRC – Per port	15.00

**1.8.18 Private Switch/Automatic Location Identification (PS/ALI) Trunks**

Service Category	Rate Element	Rate
PS/ALI Trunks	NRC – Each	485.00
	Monthly – Each	46.00 (I)

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**SECTION 20 – RATES (Cont'd)**

## 1.9 Service Packages

## 1.9.1 ValuePack

Service Category	Rate Element	Rate
ValuePack	Monthly – Per line equipped	19.75 (I)

## 1.9.2 Call Manager Package

Service Category	Rate Element	Rate
Call Manager Package	Package 1 – Monthly – Per line equipped	13.50 (I)
	Package 2 – Monthly – Per line equipped	13.50 (I)

## 1.9.3 Local and toll Package

Service Category	Rate Element	Rate
Local and Toll Package	128 LATA – Monthly – Per line equipped	60.99 (I)
	413 LATA – Monthly – Per line equipped	60.99 (I)

## 1.9.4 Local Package/Local Package Standard

Service Category	Rate Element	Rate
Local Package/Local Package Standard	Local Package Standard – Monthly – Per line equipped	31.99 (I)
	Local Package Standard – Metropolitan – Monthly – Per line equipped	46.99
	Local Package Premium – Monthly – Per line equipped	34.99 (I)
	Local Package Premium – Metropolitan – Monthly – Per line equipped	97.99 (I)

## 1.9.5 Multi-Line Package Bonus Discount

Service Category	Rate Element	Rate
Multi-Line Package Bonus Discount	Discount – Monthly – Per eligible service/package on each line	5%

## 1.9.6 Reserved for Future Use

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**SECTION 20 – RATES (Cont'd)****1.9.7 Local Package Plus**

Service Category	Rate Element	Rate
Local Package Plus	128 LATA – Monthly – Per line equipped	54.95 (I)
	413 LATA – Monthly – Per line equipped	54.95 (I)

**1.9.8 – 1.9.9 Reserved for Future Use****1.9.10 Local Package Basic**

Service Category	Rate Element	Rate
Local Package Basic	Monthly – Per line equipped	46.95 (I)

**1.9.11 Unlimited Local Usage for Business**

Service Category	Rate Element	Rate
Unlimited local usage for business	Per Exchange Access Line – Monthly	22.50 (I)
	Per Digital Centrex Plus Access Line – Monthly	22.50 (I)

**1.9.12 Unlimited Local and Toll Usage for Business**

Service Category	Rate Element	Rate
Unlimited Local and Toll Usage for Business	Per Exchange Access Line – Monthly	29.00 (I)
	Per Digital Centrex Plus Access Line – Monthly	29.00 (I)

**SECTION 20 – RATES (Cont'd)**

## 2. Private Line Service

## 2.1 Joint Use

## 2.1.1 Joint User

Service Category	Rate Element	Rate
Minimum Charge	Joint User – Per month	10.43 (I)

## 2.2 Series 1000 Channels

Service Category	Rate Element	Rate
Intraexchange	Channels between points in different buildings not on same premises – 2 point - NRC – Each	105.67
	Half duplex channels between points in different buildings not on same premises – 2 point – Monthly – Each	34.73 (I)
	Duplex channels between points in different buildings not on same premises – 2 point – Monthly – Each	38.42 (I)
	Channels between points in different buildings not on same premises – Additional points on the same circuit – NRC – Each	71.19
	Half duplex channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	16.18 (I)
	Duplex channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	19.15 (I)
	Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – NRC – Each	71.19
	Half duplex channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	16.18 (I)
	Duplex channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	19.15 (I)
	Half Duplex 2 point channel extended to an additional point in same building – Monthly – Each	1.02 (I)
	Duplex 2 point channel extended to an additional point in same building – Monthly – Each	2.15 (I)
	Half Duplex 2 point channel extended to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)

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**SECTION 20 – RATES (Cont'd)****2.2 Series 1000 Channels (Cont'd)**

Service Category	Rate Element	Rate
	Duplex 2 point channel extended to another building on the same premises – Additional points in same building – Monthly – Each	4.28 (I)
	Half Duplex 2 point channel extended to another building on the same premises – Additional points in same building – Monthly – Each	1.02 (I)
	Duplex 2 point channel extended to another building on the same premises – Additional points in the same building – Monthly – Each	2.15 (I)
	Half Duplex channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	2.15 (I)
	Duplex channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	4.28 (I)
	Half duplex channels between points within a building involving the same or different premises – Additional points in same building – Monthly – Each	1.02 (I)
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customers premises and the rate center or Telco central office – Minimum monthly rate, each channel	3.19 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customers premises and the rate center or Telco central office – Minimum monthly rate, each channel	6.35 (I)

**2.2.2 Type 1002**

Service Category	Rate Element	Rate
Intraexchange	Channels between points in different buildings not on same premises – 2 point – NRC – Each	105.67
	Half duplex channels between points in different buildings not on same premises – 2 point – Monthly – Each	32.55 (I)
	Duplex channels between points in different buildings not on same premises – 2 point – Monthly – Each	38.42 (I)
	Channels between points in different buildings not on same premises – Additional points on the same circuit – NRC – Each	71.19

**SECTION 20 – RATES (Cont'd)**

## 2.2.2 Type 1002 (Cont'd)

Service Category	Rate Element	Rate
	Half duplex channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	16.18 (I)
	Duplex channels between points in different buildings not on same premises – Additional points on the same circuit	19.15 (I)
	Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – NRC – Each	71.19 (I)
	Half duplex channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	16.18 (I)
	Duplex channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	19.15 (I)
	Half duplex 2 point channel extended to an additional point in same building – Monthly – Each	1.02 (I)
	Duplex 2 point channel extended to an additional point in same building – Monthly – Each	2.15 (I)
	Half duplex 2 point channel extended to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)
	Duplex 2 point channel extended to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	4.28 (I)
	Half duplex 2 point channel extended to another building on the same premises – Additional points in same building – Monthly – Each	1.02 (I)
	Duplex 2 point channel extended to another building on the same premises – Additional points in same building – Monthly – Each	2.15 (I)
	Half duplex channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	2.15 (I)
	Duplex channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	4.28 (I)
	Half duplex channels between points within a building involving the same or different premises – Additional points in same building – Monthly – Each	1.02 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.2.2 Type 1002 (Cont'd)

Service Category	Rate Element	Rate
	Duplex channels between points within a building involving the same or different premises – Additional points in same building – Monthly – Each	2.15 (I)
	Half duplex channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	2.15 (I)
	Duplex channels between points in different buildings on the same premises – Monthly – each channel portion between buildings	4.28 (I)
	Half duplex channels between points in different buildings on the same premises – Additional points in same building – Monthly – Each	1.02 (I)
	Duplex channels between points within a building involving the same or different premises – Additional points in same building – Monthly – Each	2.15 (I)
	Half duplex channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	2.15 (I)
	Duplex channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	4.28 (I)
	Half duplex channels between points in different buildings on the same premises – Additional points in the same building – Monthly – Each	1.02 (I)
	Duplex channels between points in different buildings on the same premises – Additional points in the same building – Monthly – Each	2.15 (I)
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customers premises and the rate center or Telco central office, per ¼ airline mile or fraction thereof – Monthly - Each	1.06 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customers premises and the rate center or Telco central office, per ¼ airline mile or fraction thereof – Monthly – Each	2.11 (I)

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**SECTION 20 – RATES (Cont'd)****2.2.2 Type 1002 (Cont'd)**

Service Category	Rate Element	Rate
	Duplex channels between points in different buildings on the same premises – Additional points in same building – Monthly – Each	2.15 (I)
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customers premises and the rate center or Telco central office, per ¼ airline mile or fraction thereof – Monthly - Each	1.06 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customers premises and the rate center or Telco central office, per ¼ airline mile or fraction thereof – Monthly – Each	2.11 (I)
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customers premises and the rate center or Telco central office – Minimum monthly rate, each channel	3.19 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customers premises and the rate center or Telco central office – Minimum monthly rate, each channel	6.35 (I)
	Local Channels – 1 <sup>st</sup> channel per exchange – NRC	202.35
	Half Duplex Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	28.47 (I)
	Duplex Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	29.61 (I)
Interexchange	Additional local channels in same exchange on same circuit – NRC – Each	71.19
	Half Duplex – Additional channels in same exchange on same circuit – Monthly – Each	17.09 (I)
	Duplex – Additional channels in same exchange on same circuit – Monthly – Each	19.88 (I)
	Extension of a Type 1002 half duplex local channel to an additional point in the same building – Monthly – Each	1.02 (I)

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**SECTION 20 – RATES (Cont'd)****2.2.2 Type 1002 (Cont'd)**

Service Category	Rate Element	Rate
	Extension of a Type 1002 duplex local channel to an additional point in the same building – Monthly – Each	2.15 (I)
	Extension of a Type 1002 half duplex local channel to an another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)
	Extension of a Type 1002 duplex local channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	4.28 (I)
	Extension of a Type 1002 half duplex local channel to another building on the same premises – Additional points in same building – Monthly – Each	1.02 (I)
	Extension of a Type 1002 duplex local channel to another building on the same premises – Additional points in same building – Monthly – Each	2.15 (I)

**2.2.3 Type 1005**

Service Category	Rate Element	Rate
Intraexchange	Channels between points in different buildings not on same premises – 2 – point – NRC – Each	177.36
	Half duplex channels between points in different buildings not on same premises – 2 point – Monthly – Each	38.42 (I)
	Duplex channels between points in different buildings not on same premises – 2 point – Monthly – Each	59.67 (I)
	Channels between points in different buildings not on same premises – Additional points on the same circuit – NRC – Each	104.46
	Half duplex channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	19.28 (I)
	Duplex channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	29.90 (I)
	Channels between points in different buildings not on same premises – 2 point channels between a customer premises and the rate center or Telco or central office – NRC – Each	104.46
	Half duplex channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	19.28 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.2.3 Type 1005 (Cont'd)

Service Category	Rate Element	Rate
	Duplex channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	29.90 (I)
	Half Duplex 2 point channel extended to an additional point in same building – Monthly – Each	1.02 (I)
	Duplex 2 point channel extended to an additional point in same building – Monthly – each	2.15 (I)
	Half Duplex extended as a channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)
	Duplex extended as a channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	4.28 (I)
	Half duplex extended as a channel to another building on the same premises – Additional points in same building – Monthly – Each	1.02 (I)
	Duplex extended as a channel to another building on the same premises – Additional points in same building – Monthly - Each	2.15 (I)
	Half duplex channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	2.15 (I)
	Duplex channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	4.28 (I)
	Half duplex channels between points within a building involving the same or different premises – Additional points in same building	1.02 (I)
	Duplex channels between points within a building involving the same or different premises – Additional points in same building	2.15 (I)
	Half duplex channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	2.15 (I)
	Duplex channels between points in different building on the same premises – Monthly – each channel portion between buildings	4.28 (I)
	Half duplex channels between points in different buildings on the same premises – Monthly – Additional points in same building	1.02 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.2.3 Type 1005 (Cont'd)

Service Category	Rate Element	Rate
	Duplex channels between points in different buildings on the same premises – Monthly – Additional points in same building	2.15
	Half Duplex 2 Point Channel s- Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office, per ¼ airline mile or fraction thereof – Monthly – Each	1.06
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office, per ¼ airline mile or fraction thereof – Monthly - Each	2.11
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office – Minimum monthly rate, each channel	3.19 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office – Minimum Monthly rate, each channel	6.35
Interexchange	Local Channel s- 1 <sup>st</sup> channel per exchange – NRF	289.04
	Half Duplex Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	29.32
	Duplex Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	39.93
	Additional local channels in same exchange on same circuit – NRC – Each	104.46
	Half Duplex – Additional local channels in same exchange on same circuit – Monthly – Each	19.75
	Duplex – Additional local channels in same exchange on same circuit – Monthly – Each	29.90
	Extension of a Type 1005 half duplex local channel to an additional point in the same building – Monthly – Each	1.02

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**SECTION 20 – RATES (Cont'd)**

## 2.2.3 Type 1005 (Cont'd)

Service Category	Rate Element	Rate
	Extension of a Type 1005 duplex local channel to an additional point in the same building – Monthly – Each	2.15 (I)
	Extension of a Type 1005 half duplex local channel to another building in the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)
	Extension of a Type 1005 duplex local channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	4.28 (I)
	Extension of a Type 1005 half duplex local channel to another building on the same premises – Additional points in the same building – Monthly – Each	1.02 (I)
	Extension of a Type 1005 duplex local channel to another building on the same premises – Additional points in the same building – Monthly – Each	2.15 (I)

## 2.2.4 Type 1006

Service Category	Rate Element	Rate
Intraexchange	Channels between points in different buildings not on same premises – 2 point – NRC – Each	177.36
	Half duplex channels between points in different buildings not on same premises – 2 point – Monthly – Each	38.42 (I)
	Duplex channels between points in different buildings not on same premises – 2 point – Monthly – Each	59.67 (I)
	Channels between points in different buildings not on same premises – Additional points on the same circuit – NRC – Each	104.46
	Half duplex channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	19.28 (I)
	Duplex channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	29.90 (I)
	Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – NRC – Each	104.46
	Half duplex channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	19.28 (I)

**SECTION 20 – RATES (Cont'd)**

## 2.2.4 Type 1006 (Cont'd)

Service Category	Rate Element	Rate
	Duplex channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	29.90 (I)
	Half duplex channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	2.15 (I)
	Duplex channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	4.28 (I)
	Half duplex channels between points in different buildings on the same premises – Monthly – each channel portion between buildings	2.15 (I)
	Duplex channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	4.28 (I)
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office, per ¼ airline mile or fraction thereof – Monthly – Each	1.06 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and the rate centers or Telco central office, per ¼ airline mile or fraction thereof – Monthly – Each	2.11 (I)
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office – Minimum monthly rate, each channel	3.19 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office – Minimum monthly rate, each channel	6.35 (I)

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**SECTION 20 – RATES (Cont'd)****2.2.4 Type 1006 (Cont'd)**

Service Category	Rate Element	Rate
	Extension of Type 1006 half duplex channels with additional termination within a building or to another building on same premises – Extended to an additional point in same building – Monthly – each	1.02 (I)
	Extension of Type 1006 duplex channels with additional termination within a building or to another building on same premises – Extended to an additional point in same building – Monthly – Each	2.15 (I)
	Extension of Type 1006 half duplex channels with additional termination within a building or to another building on the same premises – Extended to another building on same premises – 1 <sup>st</sup> point of termination – Monthly	2.15 (I)
	Extension of Type 1005 duplex channels with additional termination within a building or to another building on the same premises – Extended to another building on same premises – 1 <sup>st</sup> point of termination – Monthly	4.28 (I)
Interexchange	Local Channels – 1 <sup>st</sup> channel per exchange – NRC	289.04
	Half Duplex Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	29.32 (I)
	Duplex Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	39.93 (I)
	Local Channels – Additional local channels in same exchange on same circuit – NRC – Each	104.46
	Half Duplex Local Channels – Additional local channels in same exchange on same circuit – Monthly – Each	19.75 (I)
	Duplex Local Channels – Additional local channels in same exchange on same circuit – Monthly - Each	29.90 (I)

**2.2.5 Mileage**

Service Category	Rate Element	Rate
Interexchange	Mileage Between Rate Centers – Half duplex channels – First 9 airline miles – Monthly – Each	3.85 (I)
	Mileage Between Rate Centers – Duplex channels – First 9 airline miles – Monthly – Each	3.85 (I)
	Mileage Between Rate Centers – Half duplex channels – Beyond the first 9 miles – Monthly – Each	2.17 (I)
	Mileage Between Rate Centers – Duplex channels – Beyond the first 9 miles – Monthly – Each	2.17 (I)

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**SECTION 20 – RATES (Cont'd)****2.2.6 Alternate Use**

Service Category	Rate Element	Rate
Type 1005 Channels	Teletypewriter and remote metering, supervisory control and miscellaneous signaling, when use includes connection of punched card equipment – Up to 75 baud – Monthly – Per station	15.89 (I)
	Teletypewriter and remote metering, supervisory control and miscellaneous signaling all other cases – Up to 75 baud – Monthly – Per station	.10
	Teletypewriter and Data – Up to 75 baud – Monthly – Per station	15.89 (I)



**SECTION 20 – RATES (Cont'd)**

## 2.3 Series 2000 Channels

## 2.3.1 Type 2001

Service Category	Rate Element	Rate
Intraexchange	Channels between points in different buildings not on same premises – 2 point – NRC – Each	177.36
	Channels between points in different buildings not on same premises – 2 point – Monthly – Each	41.02 (I)
	2001A PBX – Main or extension station lines – Channels between points in different buildings not on same premises – 2 point – NRC – Each	389.26
	2001A PBX – Maine or extension station lines – Channels between points in different buildings not on same premises – 2 point – Monthly – Each	42.82 (I)
	2001B – Channels between points in different buildings not on same premises – 2 point – NRC – Each	423.87
	2001B – Channels between points in different buildings not on same premises – 2 point – Monthly – Each	73.73 (I)
	Bridged Main Telephone Line – NRC – Per point bridged, per line	65.06
	Bridged Main Telephone Line – Monthly – Per point bridged, per line	20.52 (I)
	Channels between points in different buildings not on same premises – Additional points on same circuit – NRC – Each	104.46
	Channels between points in different buildings not on same premises – Additional points on same circuit – Monthly – Each	19.28 (I)
	2001A PBX – Main or extension lines – Channels between points in different buildings not on same premises – Additional points on same circuit – NRC – Each	207.33
	2001A PBX – Main or extension lines – channels between points in different buildings not on same premises – Additional points on same circuit – Monthly - Each	18.65 (I)
	Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – NRC – Each	104.46
	Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	19.28 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.3.1 Type 2001 (Cont'd)

Service Category	Rate Element	Rate
	2001 – Extended as a channel to an additional point in same building – Monthly – Each	1.02 (I)
	2001 – Extended as a channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)
	2001A – Extension lines between main building and other buildings on same continuous property of 1 customer – Extension of a key telephone (or non-day with control features) from the same key telephone system – NRC – Per line	37.82
	2001A – Extension lines between main building and other buildings on same continuous property of 1 customer – Extension of a key telephone (or non-key with control features) from the same key telephone system – Monthly – Per line	4.28 (I)
	2001A – Extension lines between main building and other buildings on same continuous property of 1 customer, utilizing Telco carrying plan, other than constructed along public way, on same continuous property which is being provided for other purposes – Monthly – Each channel portion between buildings	2.15 (I)
	2001A – Extension lines between main building and other buildings on same continuous property of 1 customer, utilizing Telco carrying plan, other than that constructed along public way, on same continuous property which is being provided for other purposes – Extension of a key telephone (or non-key with control features) from the same key telephone system – NRC – Per line	37.82
	2001A – Extension lines between main building and other buildings on same continuous property of 1 customer, utilizing Telco carrying plant, other than that constructed along public way, on same continuous property which is being provided for other purposes – Extension of a key telephone (or non-key with control features) from the same key telephone system – Monthly – Per line	6.43 (I)
	2001A – Extension line, from customer's service to a secretarial service board, or to answering location in same building where line terminates in a multi-line telephone of another customer – Monthly – Each	2.15 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.3.1 Type 2001 (Cont'd)

Service Category	Rate Element	Rate
	2001 – Between points within a building involving same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	2.15 (I)
	2001B – Between points within a building involving same or different premises – 2 point channel – Monthly – Each	2.15 (I)
	2001 – Channels between points in different buildings on the same premises – Monthly – each channel portion between buildings	2.15 (I)
	2001B – Channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	2.15 (I)
	2001 – Channels between points in different buildings not on same premises – Extension of channel to another building on the same premises – Additional points extended in same building – Monthly – Each	1.02 (I)
	2001 – Channels between points within a building involving same or different premises – Additional points in same building – Monthly – Each	1.02 (I)
	2001 – Channels between points in different buildings on same premises – Additional points in same building – Monthly – Each	1.02 (I)
	2001 – 2 point channels – Lines in excess of 10 – Between same 2 points based on direct airline measurement between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office – Monthly – Per ¼ airline mile or fraction thereof, each	1.06 (I)
	2001 – 2 point channels – Lines in excess of 10 – Between same 2 points based on direct airline measurement between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office – Minimum monthly rate, each channel	3.19 (I)
	2001A PBX – 2 point channels – Lines in excess of 10 – Between same 2 points based on direct airline measurement between points of termination – Between different buildings not on same premises – Monthly – Per ¼ airline mile or fraction thereof, each	1.06 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.3.1 Type 2001 (Cont'd)

Service Category	Rate Element	Rate
	2001A PBX – 2 point channels – Lines in excess of 10 – Between same 2 points based on direct airline measurement between points of termination – Between different buildings not on same premises – Minimum monthly rate, each channel	3.19 (I)
	2001B – 2 point channels – Lines in excess of 10 – Between same 2 points based on a direct airline measurement between points of termination – Between different buildings not on same premises – Per ¼ airline mile or fraction thereof, each	1.06 (I)
	2001B – 2 point channel – Lines in excess of 10 – Between same 2 points based on direct airline measurement between points of termination – Between different buildings not on same premises – Minimum monthly rate, each channel	3.19 (I)
Interexchange	2001 – Local Channels – 1 <sup>st</sup> channel per exchange – NRC	289.04
	2001 – Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	29.60 (I)
	2001A – Bridged main line – NRC	346.98
	2001A – Bridged main line - Monthly	49.37 (I)
	2001A PBX – Main or extension station lines – Local channels – 1 <sup>st</sup> channel per exchange – NRC	315.86
	2001A PBX – Main or extension station lines – Local channels – 1 <sup>st</sup> channel per exchange – Monthly	36.53 (I)
	2001B – Local channels – 1 <sup>st</sup> channel per exchange – NRC	347.16
	2001B – Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	54.13 (I)
	2001 – Additional local channels in same exchange on same circuit – NRC – Each	104.46
	2001 – Additional local channels in same exchange on same circuit – Monthly – Each	19.75 (I)
	2001 – Extension to an additional point in the same building – Monthly – Each	1.02 (I)
	2001 – Extension to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)
	2001 – Extension to another building on the same premises – Additional points in the same building – Monthly – Each	2.15 (I)

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**SECTION 20 – RATES (Cont'd)****2.3.1 Type 2001 (Cont'd)**

Service Category	Rate Element	Rate
	2001A PBX – Main or extension station lines – Additional local channels in same exchange on same circuit – NRC – Each	207.33
	2001A PBX – Main or extension station lines – Additional local channels in same exchange on same circuit – Monthly – Each	18.65 (I)

**2.3.2 Type 2002**

Service Category	Rate Element	Rate
Intraexchange	Channels between points in different buildings not on same premises – 2 point – NRC – Each	146.17
	Channels between points in different buildings not on same premises – 2 point – Monthly – Each	38.80
	Channels between points in different buildings not on same premises – Additional points on same circuit – NRC – Each	91.45
	Channels between points in different buildings not on same premises – Additional points on same circuit – Monthly – Each	19.28
	Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – NRC – Each	91.45
	Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	19.28
	Channel extended to an additional point in same building – Monthly – Each	1.02
	Channel extended to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15
	Channels between points within a building involving same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	2.15
	Channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	2.15
	Channels between points in different building not on same premises – Extension of channel to another building on the same premises – Additional points in same building – Monthly – Each	1.02
	Channels between points within a building involving same or different premises – Additional points in same building – Monthly – Each	1.02

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**SECTION 20 – RATES (Cont'd)**
**2.3.2 Type 2002**

Service Category	Rate Element	Rate
	Channels between points in different buildings on same premises – Additional points in same building – Monthly – Each	1.02 (I)
	2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measurement between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office – Monthly – Per ¼ airline mile or fraction thereof, each	1.06 (I)
	2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measurement between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office – Monthly – Minimum monthly rate, each channel	3.19 (I)
Interexchange	Local Channels – 1 <sup>st</sup> channel per exchange – NRC	293.27
	Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	29.32 (I)
	Additional local channels in same exchange on same circuit – NRC – Each	91.45
	Additional local channels in same exchange on same circuit – Monthly - Each	19.75 (I)

**2.3.3 Type 2006**

Service Category	Rate Element	Rate
Intraexchange	2006A – 2 point interoffice channel – NRC – Each	260.00
	2006A – 2 point interoffice channel – Monthly – Each	20.00 (I)
Interexchange	Channel Terminals – 1 <sup>st</sup> 2 exchanges – NRC – Per exchange, each	214.29
	Channel Terminals – 1 <sup>st</sup> 2 exchanges – Monthly – Per exchange, each	20.22 (I)
	Local channels to serve a customer's location in a 3 <sup>rd</sup> exchange – NRC – Each	346.98
	Local channels to serve a customer's location in a 3 <sup>rd</sup> exchange – Monthly - Each	41.46 (I)

**2.3.4 Mileage**

Service Category	Rate Element	Rate
Interexchange	Mileage Between Rate Centers – First 9 airline miles – Monthly – Each	3.85 (I)
	Mileage Between Rate Centers – Beyond the first 9 airline miles – Monthly - Each	2.17 (I)

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**SECTION 20 – RATES (Cont'd)****2.3.5 Signaling Arrangement**

Service Category	Rate Element	Rate
Intraexchange Channels	Type A for use with Type 2001A PBX main or extension station lines – Monthly	14.71 (I)
	Type B for use with Type 2001A PBX main or extension lines – Monthly	14.71 (I)
	Type C for use with Type 2001A PBX main or extension lines - Monthly	14.71 (I)
	E&M Signaling for use with Type 2001B channels – Monthly – Each	7.35 (I)
Interexchange Channels	Type A for use with Type 2001A PBX main or extension station lines – Monthly	7.35 (I)
	Type B for use with Type 2001A PBX main or extension station lines – Monthly	7.35 (I)
	Type C for use with Type 2001A PBX main or extension station lines – Monthly	7.35 (I)
	E&M signaling for use with Type 2001B channels – Monthly - Each	7.35 (I)

**2.3 Alternate Use**

Service Category	Rate Element	Rate
Type 2001 Channels	Voice and Data – Up to 75 baud – Monthly – Per station connected	15.89 (I)
	Voice and Remote Metering, Supervisory Control and Miscellaneous Signaling – Up to 150 baud – Monthly – Per station	.10
	Voice and Remote Operation and Control of Mobile Radiotelephone Systems – Monthly – Per station	.10
	Voice and Teletypewriter – Up to 150 baud – Monthly – Per station	15.89 (I)
	Voice Private Line Service – Arrangement to switch from private line to foreign exchange, at each of the 2 service points – Automatic – Monthly	5.61 (I)
	Voice Private Line Service – Arrangement to switch from private line to foreign exchange, at each of the 2 service points – Manual - Monthly	4.91 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.4 Series 3000 Channels

## 2.4.1 Type 2001

Service Category	Rate Element	Rate
Intraexchange	Channels between points in different buildings not on same premises – 2 point – NRC – Each	407.80
	Half Duplex – Channels between points in different buildings not on same premises – 2 point – Monthly – each	38.42 (I)
	Duplex – Channels between points in different buildings not on same premises – 2 point – Monthly – Each	59.87 (I)
	Channels between points in different buildings not on same premises – Additional points on the same circuit – NRC – Each	216.33
	Half Duplex – Channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	19.28 (I)
	Duplex – Channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	29.90 (I)
	Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – NRC – Each	216.33
	Half Duplex – Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	19.28 (I)
	Duplex – Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	29.90 (I)
	Half Duplex – Extended as a channel to an additional point in same building – Monthly – Each	1.02 (I)
	Duplex – Extended as a channel to an additional point in same building – Monthly – Each	2.15 (I)
	Half Duplex – Extended as a channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)
	Duplex – Extended as a channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	4.28 (I)



**SECTION 20 – RATES (Cont'd)**

## 2.4.1 Type 2001 (Cont'd)

Service Category	Rate Element	Rate
	Half Duplex – Channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	2.15 (I)
	Duplex – Channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	4.28 (I)
	Half Duplex – Channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	2.15 (I)
	Duplex – Channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	4.28 (I)
	Half Duplex – Channels to extend a channel to another building on the same premises – Additional points in the same building – Monthly – Each	1.02 (I)
	Duplex – Channels to extend a channel to another building on the same premises – Additional points in the same building – Monthly – Each	2.15 (I)
	Half Duplex – Channels between points within a building involving the same or different premises – Additional points in same building – Monthly – Each	1.02 (I)
	Duplex – Channels between points within a building involving the same or different premises – Additional points in same building – Monthly – Each	2.15 (I)
	Half Duplex – Channels between points in different buildings on the same premises – Additional points in the same building – Monthly – Each	1.02 (I)
	Duplex – Channels between points in different buildings on the same premises – Additional points in the same building – Monthly – Each	2.15 (I)
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and rate center or Telco central office – Per ¼ airline mile or fraction thereof, each	1.06 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and rate center or Telco central office – Per ¼ airline mile or fraction thereof, each	2.11 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.4.1 Type 2001 (Cont'd)

Service Category	Rate Element	Rate
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and rate center or Telco central office – Minimum monthly rate, each channel	3.19 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and rate center or Telco central office – Minimum monthly rate, each channel	6.35 (I)
Interexchange	Local Channels – 1 <sup>st</sup> channel per exchange – NRC	292.99
	Half Duplex Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	29.32 (I)
	Duplex Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	39.93 (I)
	Additional local channels in same exchange on same circuit – NRC – Each	216.33
	Half Duplex – Additional local channels in same exchange on same circuit – Monthly – Each	19.75 (I)
	Duplex – Additional local channels in same exchange on same circuit – Monthly – Each	30.34 (I)
	Extension of a half duplex local channel to an additional point in the same building – Monthly – Each	1.02 (I)
	Extension of a duplex local channel to an additional point in the same building – Monthly - Each	2.15 (I)
	Extension of a half duplex local channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)
	Extension of a duplex local channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	4.28 (I)
	Extension of a half duplex local channel to another building on the same premises – Additional points in the same building – Monthly – Each	1.02 (I)
	Extension of a duplex local channel to another building on the same premises – Additional points in the same building – Monthly - Each	2.15 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.4.2 Type 3002

Service Category	Rate Element	Rate
Intraexchange	Channels between points in different buildings not on same premises – NRC – Each	407.80
	Half Duplex – Channels between points in different buildings not on same premises – 2 point – Monthly – Each	74.77 (I)
	Duplex – Channels between points in different buildings not on same premises – 2 point – Monthly – Each	74.77 (I)
	Channels between points in different buildings not on same premises – Additional points on the same circuit – NRC – Each	216.33
	Half Duplex – Channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	28.84 (I)
	Duplex – Channels between points in different buildings not on same premises – Additional points on the same circuit – Monthly – Each	30.78 (I)
	Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – NRC – Each	216.33
	Half Duplex – Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	28.84 (I)
	Duplex – Channels between points in different buildings not on same premises – 2 point channels between a customer premises and rate center or Telco central office – Monthly – Each	30.78 (I)
	Half Duplex – Extended as a channel to an additional point in same building – Monthly – Each	1.02 (I)
	Duplex – Extended as a channel to an additional point in same building – Monthly – Each	2.15 (I)
	Half Duplex – Extended as a channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)
	Duplex – Extended as a channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	4.28 (I)
	Half Duplex – Channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	2.15 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.4.2 Type 3002

Service Category	Rate Element	Rate
	Duplex – Channels between points within a building involving the same or different premises – 1 <sup>st</sup> 2 points – Monthly – Each	4.28 (I)
	Half Duplex – Channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	2.15 (I)
	Duplex – Channels between points in different buildings on the same premises – Monthly – Each channel portion between buildings	4.28 (I)
	Half Duplex – Channels to extend a channel to another building on the same premises – Additional points in the same building – Monthly – Each	1.02 (I)
	Duplex – Channels to extend a channel to another building on the same premises – Additional points in the same building – Monthly – Each	2.15 (I)
	Half Duplex – Channels between points within a building involving the same or different premises – Additional points in same building – Monthly – Each	1.02 (I)
	Duplex – Channels between points within a building involving the same or different premises – Additional points in same building – Monthly – Each	2.15 (I)
	Half Duplex – Channels between points in different buildings on the same premises – Additional points in the same building – Monthly – Each	1.02 (I)
	Duplex – Channels between points in different buildings on the same premises – Additional points in the same building – Monthly – Each	2.15 (I)
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office – Monthly – Per ¼ airline mile or fraction thereof, each	1.06 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and the rate center or Telco central office – Monthly – Per ¼ airline mile or fraction thereof, each	2.11 (I)

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**SECTION 20 – RATES (Cont'd)**

## 2.4.2 Type 3002

Service Category	Rate Element	Rate
	Half Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and rate center or Telco central office – Minimum monthly rate, each channel	3.19 (I)
	Duplex 2 Point Channels – Lines in excess of 10 – Between same 2 points based on direct airline measure between points of termination – Between different buildings not on same premises or between a customer premises and rate center or Telco central office – Minimum monthly rate, each channel	6.35 (I)
Interexchange	Local Channels – 1 <sup>st</sup> channel per exchange – NRC	316.75
	Half Duplex Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	51.73 (I)
	Duplex Local Channels – 1 <sup>st</sup> channel per exchange – Monthly	51.73 (I)
	Additional local channels in same exchange on same circuit – NRC – Each	216.33
	Half Duplex – Additional local channels in same exchange on same circuit – Monthly – Each	28.84 (I)
	Duplex – Additional local channels in same exchange on same circuit – Monthly – Each	30.78 (I)
	Half Duplex – Extension of a local channel to an additional point in the same building – Monthly – Each	1.02 (I)
	Duplex – Extension of a local channel to an additional point in the same building – Monthly – Each	2.15 (I)
	Half Duplex – Extension of a local channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	2.15 (I)
	Duplex – Extension of a local channel to another building on the same premises – 1 <sup>st</sup> point of termination – Monthly – Each	4.28 (I)
	Half Duplex – Extension of a local channel to another building on the same premises – Additional points in the same building – Monthly – Each	1.02 (I)
	Duplex – Extension of a local channel to another building on the same premises – Additional points in the same building – Monthly – Each	2.15 (I)

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**SECTION 20 – RATES (Cont'd)****2.4.3 Mileage**

Service Category	Rate Element	Rate
Interexchange Mileage	Mileage Between Rate Centers – Half duplex channels – First 9 airline miles – Monthly – Each	3.85 (I)
	Mileage Between Rate Centers – Duplex channels – First 9 airline miles – Monthly – Each	3.85 (I)
	Mileage Between Rate Centers – Half Duplex channels – Beyond the first 9 miles – Monthly – Each	2.17 (I)
	Mileage Between Rate Centers – Duplex channels – Beyond the first 9 miles – Monthly - Each	2.17 (I)

**2.4.4 Conditioning**

Service Category	Rate Element	Rate
Conditioning Arrangement	Type C1 – NRC – Per exchange	72.50
	Type C1 – Monthly – Per exchange	28.62
	Type C2 – NRC – Per exchange	72.50
	Type C2 – Monthly – Per exchange	57.25 (I)
	Type D1 – NRC – Per two point channel	119.53
	Type D1 – Monthly – Per two point channel	10.99 (I)

**2.4.5 Bridging**

Service Category	Rate Element	Rate
Intraexchange Channels	Monthly – Each point	21.35 (I)
Interexchange Channels	Monthly – Each point	21.35 (I)

**2.4.6 Alternate Use**

Service Category	Rate Element	Rate
Type 3001	Remote Metering, Supervisory Control and Miscellaneous Signaling and Voice – Monthly – Per station	.10
Type 3002	Date or Telephotograph and Voice – Monthly	.10

**SECTION 20 – RATES (Cont'd)**

## 2.5 Series 5000 Channels

## 2.5.1 Base Capacity

Service Category	Rate Element	Rate
Type 5500	Per airline mile, per month	36.28 (I)
Type 5600	Per airline mile, per month	47.02 (I)
Type 5700	Per airline mile, per month	63.38 (I)
Type 5800	Per airline mile, per month	167.65 (I)

## 2.5.2 Service Terminals

Service Category	Rate Element	Rate
Service Terminals	Wideband Channel Type 5501 – NRC	357.81 (I)
	Wideband Channel Type 5501 – Monthly	429.37 (I)
	Wideband Channel Type 5502 – NRC	286.24
	Wideband Channel Type 5502 – Monthly	603.17 (I)
	Channels of a Lesser Capacity – Data – Type 5302 – NRC	194.24
	Channels of a Lesser Capacity – Data – Type 5302 – Monthly	29.03 (I)
	Channels of a Lesser Capacity – Data – Type 5302 – Second or subsequent station in an exchange or any individual service – NRC – Per service terminal	18.90
	Channels of a Lesser Capacity – Data – Type 5302 – Second or subsequent station in an exchange or any individual service – Monthly – Per service terminal	9.20 (I)
	Channels of a Lesser Capacity – Teletypewriter – Type 5102 – NRC	108.36
	Channels of a Lesser Capacity – Teletypewriter – Type 5102 – Monthly	29.03
	Channels of Lesser Capacity – Teletypewriter – Types 5105 and 5106 – NRC	152.32
	Channels of Lesser Capacity – Teletypewriter – Types 5105 and 5106 – Monthly	29.03 (I)
	Channels of Lesser Capacity – Teletypewriter – Types 5102, 5105 and 5106 – Second or subsequent station in an exchange or any individual service – NRC – Per service terminal	18.90
	Channels of Lesser Capacity – Teletypewriter Types 5102, 5105 and 5106 – Second or subsequent station in an exchange or any individual service – Monthly – Per service terminal	9.20 (I)
	Channels of Lesser Capacity – Voice Types 5201, 5201A, 5201B, 5202 and 5301 – NRC	152.32

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**SECTION 20 – RATES (Cont'd)****2.5.2 Service Terminals (Cont'd)**

Service Category	Rate Element	Rate
	Channels of Lesser Capacity – Voice Types 5201, 5201A, 5201B, 5202 and 5301 – Monthly	29.03
	Channels of Lesser Capacity – Voice Type 5206 – NRC	138.01
	Channels of Lesser Capacity – Voice Type 5206 – Monthly	29.03
	Channels of Lesser Capacity – Voice Types 5201, 5201A, 5201B, 5202 and 5301 – Second or subsequent station in an exchange or any individual service – NRC – Per service terminal	18.90
	Channels of Lesser Capacity – Voice Types 5201, 5201A, 5201B, 5202 and 5301 – Second or subsequent station in an exchange or any individual service – Monthly – Per service terminal	9.20 (I)

**2.5.3 Alternate Use**

Service Category	Rate Element	Rate
Types Greater Than 5500	12 Voice Channels/Equivalent – Monthly	42.93
	60 Voice Channels/Equivalent – Monthly	49.58



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**SECTION 20 – RATES (Cont'd)**

## 2.6 Series 6000 Channels

## 2.6.1 Type 6200

Service Category	Rate Element	Rate
Interexchange	Occasional Service – Mileage – Per airline mile, per hour or fraction thereof	.20
	Occasional Service – Minimum Change – Per occasion of use	2.55
	Occasional Service – Bridging connections – Each – Per hour or fraction thereof	1.02
	Minimum Change – Per month	16.86 (I)

## 2.6.2 Type 6300

Service Category	Rate Element	Rate
Interexchange	Monthly Service – Mileage – Per airline mile, per month	6.64 (I)
	Monthly Service – Bridging connection – Per month, each	33.73 (I)

## 2.6.3 Type 6004

Service Category	Rate Element	Rate
Interexchange	Occasional Service – Mileage – Per airline mile, per hour or fraction thereof	.25
	Occasional Service – Minimum charge – Per occasion of use	3.37
	Occasional Service – Station connections – Per month, each	33.73 (I)
	Occasional Service – Station connections – Plus, per hour of use or fraction thereof	2.90 (I)

## 2.6.4 Type 6005

Service Category	Rate Element	Rate
Interexchange	Monthly Service – Mileage – Per airline mile, per month	11.49 (I)
	Monthly Service – Station connection – Per month, each	150.79 (I)

## 2.6.5 Type 6006

Service Category	Rate Element	Rate
Interexchange	Occasional Service – Mileage – Per airline mile, per hour or fraction thereof	.35
	Occasional Service – Minimum charge – Per occasion of use	4.24
	Occasional Service – Station connections – Per month, each	67.47 (I)
	Occasional Service – Station connections – Plus, per hour of use or fraction thereof	4.24

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**SECTION 20 – RATES (Cont'd)****2.6.6 Type 6007**

Service Category	Rate Element	Rate
Interexchange	Monthly Service – Mileage – per airline mile, per month	15.58 (I)
	Monthly Service – Station connection – Per month, each	247.40 (I)

**2.6.7 Local Channels – All Types**

Service Category	Rate Element	Rate
Equalization	NRC – One or two channels between the same points and equalized at the same time	18.90
Installation	NRC – Per channel	18.90

**2.6.8 Mileage**

Service Category	Rate Element	Rate
Local Channels – Schedule F	Mileage Charge – For channel or extension within same building – Monthly – Per channel	2.55 (I)
	Mileage Charge – For channel or extension between different buildings on same premises – Monthly – Per ¼ mile, or fraction thereof, per channel	2.55 (I)
	All Other Channels – Non-equalized – Per month, 1 <sup>st</sup> ¼ mile	7.40 (I)
	All Other Channels – Non-equalized – Per month, each additional ¼ mile	2.55 (I)
	All Other Channels – Non-equalized – One week or less, 1 <sup>st</sup> ¼ mile	3.57 (I)
	All Other Channels – Non-equalized – One week or less, each additional ¼ mile	1.27 (I)
	All Other Channels – Equalized – 100-5,000 cycles – Per month, 1 <sup>st</sup> ¼ mile	7.92 (I)
	All Other Channels – Equalized – 100-5,000 cycles – Per month, each additional ¼ mile	3.11 (I)
	All Other Channels – Equalized – 100-5,000 cycles – One week or less, 1 <sup>st</sup> ¼ mile	3.88
	All Other Channels – Equalized – 100-5,000 cycles – One week or less, each additional ¼ mile	1.48
	All Other Channels – Equalized – 50-8,000 cycles – Per month, 1 <sup>st</sup> ¼ mile	7.92
	All Other Channels – Equalized – 50-8,000 cycles – Per month, each additional ¼ mile	3.26
	All Other Channels – Equalized – 50-8,000 cycles – One week or less, 1 <sup>st</sup> ¼ mile	4.03
	All Other Channels – Equalized – 50-8,000 cycles – One week or less, each additional ¼ mile	1.63

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**SECTION 20 – RATES (Cont'd)****2.6.8 Mileage (Cont'd)**

Service Category	Rate Element	Rate
	All Other Channels – Equalized – 50-15,000 cycles – Per month, 1 <sup>st</sup> ¼ mile	8.59 (I)
	All Other Channels – Equalized – 50-15,000 cycles – Per month, each additional ¼ mile	3.88 (I)
	All Other Channels – Equalized – 50-15,000 cycles – One week or less, 1 <sup>st</sup> ¼ mile	4.34
	All Other Channels – Equalized – 50-15,000 cycles – One week or less, each additional ¼ mile	1.93

**2.6.9 Distributing Center**

Service Category	Rate Element	Rate
Establishment	NRC	286.24
Connecting Arrangement	Per channel connected to a distributing center, per month	4.19
	Minimum monthly charge	20.95 (I)
Bridging Arrangement	Installation – NRC	35.78
	Per station connected to a channel, per month	2.09 (I)

**2.7 Signaling Arrangements****2.7.1 Automatic Signaling**

Service Category	Rate Element	Rate
Line Equipment at Central Office	Monthly – Per building	7.21 (I)

**2.8 Short Period Talking Service****2.8.1 Short Period Talking**

Service Category	Rate Element	Rate
Interexchange Channel	From 6AM to 7AM – Monthly charge for each airline mile or fraction	1.02 (I)
	From 7AM to 8AM – Monthly charge for each airline mile or fraction	1.52 (I)
	From 8AM to 6PM – Monthly charge for each airline mile or fraction	2.04 (I)
	From 6PM to 9PM – Monthly charge for each airline mile or fraction	1.02 (I)
	From 9PM to 6AM – Monthly charge for each airline mile or fraction	.61 (I)
Local channel	1 <sup>st</sup> channel per exchange – Monthly – Each	9.20 (I)
	Additional channels in same exchange – Monthly – Per exchange, each	9.20 (I)

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**SECTION 20 – RATES (Cont'd)**

3. Digital Communications Services  
 3.1 Digital Service  
 3.1.1 Digital Access Lines in the Digital City Service Area

Service Category	Rate Element	Rate
Type 1	2.4 Kbps – NRC	170.50
	2.4 Kbps – Monthly	81.84 (I)
	4.8 Kbps – NRC	170.50
	4.8 Kbps – Monthly	100.03 (I)
	9.6 Kbps – NRC	170.50
	9.6 Kbps – Monthly	185.52 (I)
	56 Kbps – NRC	170.50
	56 Kbps – Monthly	308.45 (I)
Type 2	2.4 Kbps – NRC	170.50
	2.4 Kbps – Fixed – Monthly	110.50 (I)
	2.4 Kbps – Per airline mile – Monthly	1.18 (I)
	4.8 Kbps – NRC	170.50
	4.8 Kbps – Fixed – Monthly	115.94 (I)
	4.8 Kbps – Per airline mile – Monthly	1.64 (I)
	9.6 Kbps – NRC	170.50
	9.6 Kbps – Fixed – Monthly	196.28 (I)
	9.6 – Kbps – Per airline mile – Monthly	2.51 (I)
	56 Kbps – NRC	170.50
	56 Kbps – Fixed – Monthly	367.14 (I)
	56 Kbps – Per airline mile – Monthly	7.75 (I)

- 3.1.2 Channels Between Digital Cities

Service Category	Rate Element	Rate
Channel	2.4 Kbps – Fixed – Monthly	52.40 (I)
	2.4 Kbps – Per airline mile – Monthly	.80 (I)
	4.8 Kbps – Fixed – Monthly	79.15 (I)
	4.8 Kbps – Per airline mile – Monthly	1.06 (I)
	9.6 Kbps – Fixed – Monthly	104.75 (I)
	9.6 Kbps – Per airline mile – Monthly	1.33 (I)
	56 Kbps – Fixed – Monthly	369.17 (I)
	56 Kbps – Per airline mile – Monthly	5.23 (I)
Multi-Station Arrangement	Monthly – Each station	22.69

**SECTION 20 – RATES (Cont'd)**

## 3.2 1.544 Mbps Service

## 3.2.1 Channels

Service Category	Rate Element	Rate
Local Distribution Channel	NRC – Each	837.38
	NRC – 36 months – Monthly – Each	13.76
	NRC – 60 months – Monthly – Each	9.15
	Month-to-month – Monthly – Each	110.24 (I)
	Vintage I – 36 months – Monthly – Each	90.00 (I)
	Vintage I – 60 months – Monthly – Each	80.00 (I)
	Vintage II – 36 months – Monthly – Each	94.85 (I)
	Vintage II – 60 months – Monthly – Each	84.30 (I)
	Month-to-month – Per ½ mile or fraction thereof	33.07
	36 months – Per ½ miles or fraction thereof	27.00
	60 months – Per ½ mile or fraction thereof	24.00
Served Direct Intraexchange Channel	Monthly	288.54 (I)
Interoffice Channel	When channel installed without a local distribution channel – NRC – Per interoffice channel	566.00
Move	Move a local distribution channel to termination within a premises - NRC	352.00

## 3.2.2 Mileage

Service Category	Rate Element	Rate
Interoffice Channel	Over 0-4 miles – Fixed – Month-to-month	111.25
	Over 0-4 miles – Per mile – Month-to-month	20.07
	Over 0-4 miles – Fixed – 36 months	101.00
	Over 0-4 miles – Per mile – 36 months	16.42
	Over 0-4 miles – Fixed – 60 months	101.00
	Over 0-4 miles – Per mile – 60 months	14.60
	Over 4-8 miles – Fixed – Month-to-month	111.25
	Over 4-8 miles – Per mile – Month-to-month	20.07
	Over 4-8 miles – Fixed – 36 months	101.00
	Over 4-8 miles – Per mile – 36 months	16.42
	Over 4-8 miles – Fixed – 60 months	101.00
	Over 4-8 miles – Per mile – 60 months	14.60
	Over 8-25 miles – Fixed – Month-to-month	111.25
	Over 8-25 miles – Per mile – Month-to-month	20.07
	Over 8-25 miles – Fixed – 36 months	101.00
	Over 8-25 miles – Per mile – 36 months	16.42
	Over 8-25 miles – Fixed – 60 months	101.00
	Over 8-25 miles – Per mile – 60 months	14.60
	Over 25-50 miles – Fixed – Month-to-month	111.25
	Over 25-50 miles – Per mile – Month-to-month	20.07

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**SECTION 20 – RATES (Cont'd)****3.2.2 Mileage (Cont'd)**

Service Category	Rate Element	Rate
	Over 25-50 miles – Fixed – 36 months	101.00
	Over 25-50 miles – Per mile – 36 months	16.42
	Over 25-50 miles – Fixed – 60 months	101.00
	Over 25-50 miles – Per mile – 60 months	14.60
	Over 50 miles – Fixed – Month-to-month	111.25
	Over 50 miles – Per mile – Month-to-month	20.07
	Over 50 miles – Fixed – 36 months	101.00
	Over 50 miles – Per mile – 36 months	16.42
	Over 50 miles – Fixed – 60 months	101.00
	Over 50 miles – Per mile – 60 months	14.60

**3.2.3 Optional Features and Functions**

Service Category	Rate Element	Rate
Central Office Multiplexing – DS1 to Voice	NRC – Per arrangement	220.00
	NRC – 36 months – Monthly – Each	3.62
	NRC – 60 months – Monthly – Each	2.41
	Monthly – Per arrangement	137.67 (I)
	Month-to-month – Monthly – Per arrangement	137.67 (I)
	36 months – Monthly – Per arrangement	118.55 (I)
	60 months – Monthly – Per arrangement	105.40 (I)
	Voice grade connections to a premises served by same central office – Type 2001 – NRC	289.00
	Voice grade connections to a premises served by same central office – Type 2001 – Monthly	30.63 (I)
	Voice grade connections to a premises served by same central office – Type 2001A – NRC	315.00
	Voice grade connections to a premises served by same central office – Type 2001A – Monthly	42.98 (I)
	Voice grade connections to a premises served by same central office – Type 2001B – NRC	347.00
	Voice grade connections to a premises served by same central office – Type 2001B – Monthly	60.25 (I)
	Voice grade connections to a premises served by same central office – Type 3002 – NRC	316.00
	Voice grade connections to a premises served by same central office – Type 3002 – Monthly	50.65 (I)
	Voice grade intraoffice connections – Centrex or foreign exchange service in same serving central office – Centrex switching equipment – NRC – Each	276.00
	Voice grade intraoffice connections – Centrex or foreign exchange service in same serving central office – Centrex switching equipment – Monthly – Each	11.02 (I)

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**SECTION 20 – RATES (Cont'd)****3.2.3 Optional Features and Functions (Cont'd)**

Service Category	Rate Element	Rate
	Voice grade intraoffice connections – Centrex or foreign exchange service in same serving central office – Foreign exchange service – NRC – Each	276.00
	Voice grade intraoffice connections – Centrex or foreign exchange service in same serving central office – Foreign exchange service – Monthly - Each	11.02
Central Office Multiplexing – DS1 to Digital	NRC – Per arrangement	220.00
	NRC – 36 months – Monthly – Each	3.62
	NRC – 60 months – Monthly – Each	2.41
	Monthly – Per arrangement	137.67
	Month-to-month – Monthly – Per arrangement	137.67
	36 months – Monthly – Per arrangement	118.55
	60 months – Monthly – Per arrangement	105.40
Clear Channel Capability	Per 1.544 Mbps two point circuit – Installed subsequent to the installation of service – NRC	603.00
Alternate Serving Wire Center	Per alternately routed local distribution channel, each – month-to-month	99.21
	Per alternately routed local distribution channel, each – 36 months – Each	81.00
	Per alternately routed local distribution channel,, each – 60 months - Each	72.00

**3.3 Switched 56 Kbps Service****3.3.1 Switched 56 Kbps Service**

Service Category	Rate Element	Rate
Measured Access Line	NRC – Each	290.98
	Monthly – Each	19.40
Service Arrangement	Monthly – Each	18.43
Remote Service Arrangement	NRC – Each	34.92
	Monthly – Each	32.98
	Monthly – Per airline mile or fraction	2.42
Network Call Usage	128 LATA – For calls within the calling area – Zone 1 exchanges – Per message	.015 (I)
	128 LATA – For calls within the calling area – Zone 2 exchanges – Per message	.015 (I)
	128 LATA – For calls within the calling area – Zone 1 exchanges – Per minute	.02
	128 LATA – For calls within the calling area – Zone 2 exchanges – Per minute	.02
	413 LATA – For calls within the calling area – Per message	.015 (I)

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**SECTION 20 – RATES (Cont'd)****3.3.1 Switched 56 Kbps Service**

Service Category	Rate Element	Rate
	413 LATA – For calls within the calling area – Peak – Per minute	.02
	413 LATA – For calls within the calling area – Off-peak – Per minute	.02
	128 LATA – For calls outside of the calling area – Per message	.015 (I)
	128 LATA – For calls outside of the calling area – Day – Per minute	.060
	128 LATA – For calls outside of the calling area – Evening – Per minute	.060
	128 LATA – For calls outside of the calling area – Night/Weekend – Per minute	.060
	413 LATA – For calls outside of the calling area – Per message	.015 (I)
	413 LATA – For calls outside of the calling area – Peak – Per minute	.06
	413 LATA – For calls outside of the calling area – Off-peak – Per minute	.06

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**SECTION 20 – RATES (Cont'd)**

## 3.4 Packet Switching Service

## 3.4.1 Packet Switching Service-Synchronous

Service Category	Rate Element	Rate
Access Concentrator Port Connections	Low/Medium Throughput – X.25 port access, all speeds – NRC – Per port connected	55.00
	Low/Medium Throughput – X.25 port access, all speeds – Monthly – Per port connected	34.00 (I)
Central Office Interfaces	Analog – All speeds – NRC – Each	30.00
	Analog – 1.2 kbps – Monthly	45.00 (I)
	Analog – 2.4 kbps – Monthly	60.00 (I)
	Analog – 4.8 kbps – Monthly	75.00 (I)
	Analog – 9.6 kbps – Monthly	95.00 (I)
	Digital – Up to 9.6 kbps – (DOV) – NRC – Each	30.00
	Digital – Up to 9.6 kbps – (DOV) – Monthly – Each	25.00 (I)
	Digital – Up to 9.6 kbps – (DDSII) – NRC – Each	30.00
	Digital – Up to 9.6 kbps – (DDSII) – Monthly – Each	25.00 (I)
Packet Switch Port Connections – X.25 Port Access	High Throughput – 9.6 kbps – NRC – Per port	40.00
	High Throughput – 9.6 kbps – Monthly – Per port	275.00 (I)
	High Throughput – 56 kbps – NRC – Per port	40.00
	High Throughput – 56 kbps – Monthly – Per port	150.00 (I)
Packet Switch Port Connections – X.75 Port Access	High Throughput – 9.6 kbps – NRC – Per port	40.00
	High Throughput – 9.6 kbps – Monthly – Per port	275.00 (I)
	High Throughput – 56 kbps – NRC – Per port	40.00
	High Throughput – 56 kbps – Monthly – Per port	150.00 (I)
Network Usage	Packet Transport Data – Up to 2500 kilopackets – Day – Per kilopacket	.50
	Packet Transport Data – Up to 2500 kilopackets – Evening – Per kilopacket	.37
	Packet Transport Data – Up to 2500 kilopackets – Night – Per kilopacket	.24
	Packet Transport Data – From 2501 to 10,000 kilopackets – Per kilopacket	aggregated usage rates (2500 kilopacket rates) are discounted by 5%
	Packet Transport Data – Over 10,000 kilopackets – Per kilopacket	aggregated usage rates (2500 kilopacket rates) are discounted by 10%

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**SECTION 20 – RATES (Cont'd)****3.4.1 Packet Switching Service-Synchronous (Cont'd)**

Service Category	Rate Element	Rate
	Transaction – Per transaction up to 10 packets	.01
	Per Minute – Per minute of use	.05
Optional Features	Additional Logical Channel – Monthly – Each	.50 (I)
	Closed User Group – Monthly – Per network address, per group member	2.50 (I)
	Multiple Network Address – Monthly – Per group of 10 DTNs, each	10.00 (I)
	Permanent Virtual Circuit (PVC) – Monthly – Each	10.00 (I)
	Call Detail – MagTape – Monthly – Per tape	100.00 (I)
	Call Detail – Print Format – Monthly – Per bill	2.00 (I)
	Abbreviated Addressing – Monthly – Each	5.00 (I)
	Call Rerouting – Monthly – Each	10.00 (I)
	Optional Feature or Software Change – NRC	25.00

**3.4.2 Packet Switching Service-Asynchronous**

Service Category	Rate Element	Rate
Private Dial In Access	Speeds up to 2.4 Kbps – NRC – Each	35.00
	Speeds up to 2.4 kbps – Monthly – Each	62.00 (I)
	Speeds up to 9.6 kbps – NRC – Each	35.00
	Speeds up to 9.6 kbps – Monthly – Each	95.00 (I)
Private Dial Out Access	Speeds up to 2.4 kbps – NRC – Each	35.00
	Speeds up to 2.4 kbps – Monthly – Each	62.00 (I)
Dedicated Access	All speeds up to 9.6 kbps – NRC – Each	55.00
	All speeds up to 9.6 kbps – Monthly – Each	26.00 (I)
Public Dial Access Service Usage	Service Usage Charge per public dial access minute or fraction thereof	.01
Network Usage	Note – Charges are the same as those listed for Synchronous Service	See Note
Optional Features	NUI Code – Monthly – Each	.25
	Auto – Connect – Each	.50
	Optional Feature or Software Change – NRC	25.00

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**SECTION 20 – RATES (Cont'd)**

## 3.5 Digital PBX Service

## 3.5.1 Flexible Digital PBX Service

Service Category	Rate Element	Rate
Digital Port	NRC – Each	193.99
	NRC – 36 months – Monthly – Each	3.19
	NRC – 60 months – Monthly – Each	2.12
	Monthly – Each	375.00 (I)
	Month-to-month – Monthly – Each	375.00 (I)
	36 months – Monthly – Each	321.30
	60 months – Monthly – Each	285.60
Digital Transport Facility	NRC – Each	837.38
	NRC – 36 months – Monthly – Each	13.76
	NRC – 60 months – Monthly – Each	9.15
	Monthly – Each	105.40
	Month-to-month – Monthly – Each	105.40
	36 months – Monthly – Each	94.85
	60 months – Monthly – Each	84.30
	Monthly – Per DTF – Per ½ mile or fraction thereof	30.00
	Month-to-month – Monthly – Per DTF – Per ½ mile or fraction thereof	30.00
	36 months – Monthly – Per DTF – Per ½ mile or fraction thereof	27.00
	60 months – Monthly – Per DTF – Per ½ mile or fraction thereof	24.00 (R)
Intra Central Office Distribution Channel	NRC – Each	136.60
	NRC – 36 months – Monthly – Each	2.24
	NRC – 60 months – Monthly – Each	1.49
	Monthly – Each	65.00
	Month-to-month – Monthly – Each	65.00
	36 months – Monthly – Each	58.50
	60 months – Monthly – Each	52.00
Changes or Testing	Of alternate locations associated with NRS, or rearrangement of trunk circuits in a Digital Port – NRC – Per occasion	58.20

## 3.5.2 Analog to Digital Conversion PBX Service

Service Category	Rate Element	Rate
A/D Conversion	NRC – Per Converter	164.89
	Monthly – Per Converter	247.33
	NRC – Per trunk circuit arranged or rearranged	48.50
Digital Transport Facility	NRC – Each	837.38
	Monthly – Per DTF channel	105.40
	Monthly – Per DTF, per ½ mile or fraction thereof	30.00

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**SECTION 20 – RATES (Cont'd)**

## 3.6 Integrated Access Service

## 3.6.1 Local Distribution Channels

Service Category	Rate Element	Rate
Transport Package 1 Local Distribution Channel	NRC – Each	285.00
	Month-to-month – Monthly – each	1,970.00 (I)
	36 months – Monthly – Each	1,477.00 (I)
	60 months – Monthly – Each	1,379.00 (I)
	84 months – Monthly – Each	1,280.50 (I)
	120 months – Monthly – Each	1,1282.50 (I)
Transport Package 3 Local Distribution Channel	NRC – Each	285.00
	Month-to-month – Monthly – Each	3,940.00 (I)
	36 months – Monthly – Each	2,955.00 (I)
	60 months – Monthly – Each	2,758.00 (I)
	84 months – Monthly – Each	2,561.50 (I)
	120 months – Monthly – Each	2,364.00 (I)
Transport Package 12 Local Distribution Channel	NRC – Each	285.00
	Month-to-month – Monthly – Each	9,845.00 (I)
	36 months – Monthly – Each	7,383.75 (I)
	60 months – Monthly – Each	6,891.50 (I)
	84 months – Monthly – Each	6,399.25 (I)
	120 months – Monthly – Each	5,907.00 (I)

**SECTION 20 – RATES (Cont'd)**

## 3.7 Fractional T-1 Service

## 3.7.1 Channels

Service Category	Rate Element	Rate
Fractional T-1/3 (Eight Channels)	Local Distribution Channel – NRC – Per arrangement	908.00
	Local Distribution Channel – Monthly – Per arrangement	77.17 (I)
	Local Distribution Channel – Monthly – Per ½ mile	23.11 (I)
	Interoffice Channel Mileage – Over 0-4 miles – Fixed – Monthly	111.25 (I)
	Interoffice Channel Mileage – Over 0-4 miles – Per mile – Monthly	11.53 (I)
	Interoffice Channel Mileage – Over 4-8 miles – Fixed – Monthly	111.25 (I)
	Interoffice Channel Mileage – Over 4-8 miles – Per mile – Monthly	11.53 (I)
	Interoffice Channel Mileage – Over 8-25 miles – Fixed – Monthly	111.25 (I)
	Interoffice Channel Mileage – Over 8-25 miles – Per mile – Monthly	11.53 (I)
	Interoffice Channel Mileage – Over 25-50 miles – Fixed – Monthly	111.25 (I)
	Interoffice Channel Mileage – Over 25-50 miles – Per mile – Monthly	11.53 (I)
	Interoffice Channel Mileage – Over 50 miles – Fixed – Monthly	111.25 (I)
	Interoffice Channel Mileage – Over 50 miles – Per mile – Monthly	11.53 (I)
Fractional T-1/2 (Twelve Channels)	Local Distribution Channel – NRC – Per arrangement	908.00
	Local Distribution Channel – Monthly – Per arrangement	88.19 (I)
	Local Distribution Channel – Monthly – Per ½ mile	26.47 (I)
	Interoffice Channel Mileage – Over 0-4 miles – Fixed – Monthly	111.25 (I)
	Interoffice Channel Mileage – Over 0-4 miles – Per mile – Monthly	14.88 (I)
	Interoffice Channel Mileage – Over 4-8 miles – Fixed – Monthly	111.25 (I)
	Interoffice Channel Mileage – Over 4-8 miles – Per mile – Monthly	14.88 (I)
	Interoffice Channel Mileage – Over 8-25 miles – Fixed – Monthly	111.25 (I)
	Interoffice Channel Mileage – Over 8-25 miles – Per mile – Monthly	14.88 (I)

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**SECTION 20 – RATES (Cont'd)****3.7.1 Channels (Cont'd)**

Service Category	Rate Element	Rate
	Interoffice Channel Mileage – Over 25-50 miles – Fixed – Monthly	111.25 (I)
	Interoffice Channel Mileage – Over 25-50 miles – Per mile - Monthly	14.88 (I)
	Interoffice Channel Mileage – Over 50 miles – Fixed – Monthly	111.25 (I)
	Interoffice Channel Mileage – Over 50 miles – Per mile – Monthly	14.88 (I)
Service Rearrangement	To change from one fractional arrangement to another – NRC – Per change	651.00

**3.8 Data Over Voice Service****3.8.1 Data Over Voice Service**

Service Category	Rate Element	Rate
DOV Channel	NRC – Each	370.00
	Monthly – Each	15.95 (I)
Interoffice Facilities	Fixed – Monthly	42.50 (I)
	Per Mile – Monthly	2.10 (I)

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**SECTION 20 – RATES (Cont'd)**

## 3.9 Digital Service II

## 3.9.1 Local Distribution Channels

Service Category	Rate Element	Rate
2.4, 4.8, 9.6 and 19.2 Kbps	2 Wire – NRC – Each	350.00
	2 Wire – NRC – 36 months – Monthly – Each	8.62
	2 Wire – NRC – 60 months – Monthly – Each	3.83
	2 Wire – Month-to-month – Monthly – Each	22.05 (I)
	2 Wire – 36 months – Monthly – Each	22.05 (I)
	2 Wire – 60 months – Monthly – Each	20.00 (I)
	2 Wire – 84 months – Monthly – Each	20.00 (I)
	4 Wire – NRC – Each	450.00
	4 Wire – NRC – 36 months – Monthly – Each	11.09
	4 Wire – NRC – 60 months – Monthly – Each	4.92
	4 Wire – month-to-month – Monthly – Each	36.58 (I)
	4 Wire – 36 months – Monthly – Each	31.41 (I)
	4 Wire – 60 months – Monthly – Each	29.00 (I)
	4 Wire – 84 months – Monthly – Each	29.00 (I)
56 Kbps	4 Wire – NRC – Each	500.00
	4 Wire – NRC – 36 months – Monthly – Each	12.32
	4 Wire – NRC – 60 months – Monthly – Each	5.47
	4 Wire – month-to-month – Monthly – Each	58.57 (I)
	4 Wire – 36 months – Monthly – Each	50.19 (I)
	4 Wire – 60 months – Monthly – Each	46.00 (I)
	4 Wire – 84 months – Monthly – Each	46.00 (I)

## 3.9.2 Interoffice Channels

Service Category	Rate Element	Rate
2.4, 4.8, 9.6, 19.2 and 56 Kbps	Fixed – month-to-month – Monthly	36.58 (I)
	Per Mile – month-to-month – Monthly	1.46 (I)
	Fixed – 36 months – Monthly	32.00 (I)
	Per Mile – 36 months – Monthly	1.20 (I)
	Fixed – 60 months – Monthly	32.00 (I)
	Per Mile – 60 months – Monthly	1.15 (I)
	Fixed – 84 months – Monthly	32.00 (I)
	Per Mile – 84 months – Monthly	1.15 (I)

## 3.9.3 Network Rearrangement and Transfer of Service

Service Category	Rate Element	Rate
Network Rearrangement	Change channel speed with no change of facilities – NRC – Per channel changed	244.00
	Change termination in multi-station arrangement from 1 circuit to another in same serving wire center – NRC – Per station changed	244.00
Transfer of Service	NRC	96.99

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**SECTION 20 – RATES (Cont'd)****3.9.4 Additional Service Features**

Service Category	Rate Element	Rate
Additional Service Features	Multi-Station Arrangement – Month-to-month – Monthly – Per station	7.32 (I)
	Multi-Station Arrangement – 36 months – Monthly – Per station	5.98 (I)
	Multi-Station Arrangement – 60 months – Monthly – Per station	5.50 (I)
	Multi-Station Arrangement – 84 months – Monthly – Per station	5.50 (I)
	Secondary Channel Capacity – NRC – Per station	10.85
	Secondary Channel Capacity – month-to-month – Monthly	7.32 (I)
	Secondary Channel Capacity – 36 months – Monthly	5.98 (I)
	Secondary Channel Capacity – 60 months – Monthly	5.50 (I)
	Secondary Channel Capacity – 84 months – Monthly	5.50 (I)

**3.9.5 Digital Service II Schedule A and B Billing**

Service Category	Rate Element	Rate
Local Distribution Channel – 2.4, 4.8, 9.6 and 19.2 Kbps	2 Wire – Schedule A – 36 months – Monthly – Each	15.00 (I)
	2 Wire – Schedule A – 60 months – Monthly – Each	15.00 (I)
	2 Wire – Schedule A – 84 months – Monthly – Each	15.00 (I)
	2 Wire – Schedule A – 120 months – Monthly – Each	15.00 (I)
	2 Wire – Schedule A – 180 months – Monthly – Each	15.00 (I)
	2 Wire – Schedule B – Monthly – Each	5.00 (I)
	4 Wire – Schedule A – 36 months – Monthly – Each	22.41 (I)
	4 Wire – Schedule A – 60 months – Monthly – Each	20.00 (I)
	4 Wire – Schedule A – 84 months – Monthly – Each	20.00 (I)
	4 Wire – Schedule A – 120 months – Monthly – Each	20.00 (I)
	4 Wire – Schedule A – 180 months – Monthly – Each	20.00 (I)
	4 Wire – Schedule B – Monthly – Each	9.00 (I)
Local Distribution Channel – 56 Kbps	4 Wire – Schedule A – 36 months – Monthly – Each	36.19 (I)
	4 Wire – Schedule A – 60 months – Monthly – Each	32.00 (I)
	4 Wire – Schedule A – 84 months – Monthly – Each	32.00 (I)
	4 Wire – Schedule A – 120 months – Monthly – Each	32.00 (I)
	4 Wire – Schedule A – 180 months – Monthly – Each	32.00 (I)
	4 Wire – Schedule B – Monthly – Each	14.00 (I)
Interoffice Channel – 2.4, 4.8, 9.6 and 19.2 Kbps	Fixed – Schedule A – 36 months – Monthly	27.00 (I)
	Per mile – Schedule A – 36 months – Monthly	.75 (I)
	Fixed – Schedule A – 60 months – Monthly	27.00 (I)
	Per mile – Schedule A – 60 months – Monthly	.70 (I)
	Fixed – Schedule A – 84 months – Monthly	27.00 (I)
	Per mile – Schedule A – 84 months – Monthly	.70 (I)

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**SECTION 20 – RATES (Cont'd)****3.9.5 Digital Service II Schedule A and B Billing (Cont'd)**

Service Category	Rate Element	Rate
	Fixed – Schedule A – 120 months – Monthly	27.00 (I)
	Per mile – Schedule A – 120 months – Monthly	.70 (I)
	Fixed – Schedule A – 180 months – Monthly	27.00 (I)
	Per mile – Schedule A – 180 months – Monthly	.70 (I)
	Fixed – Schedule B – Monthly	5.00 (I)
	Per mile – Schedule B – Monthly	.45 (I)
Interoffice Channel 56 Kbps	Fixed – Schedule A – 36 months – Monthly	27.00 (I)
	Per mile – Schedule A – 36 months – Monthly	.75 (I)
	Fixed – Schedule A – 60 months – Monthly	27.00 (I)
	Per mile – Schedule A – 60 months – Monthly	.70 (I)
	Fixed – Schedule A – 84 months – Monthly	27.00 (I)
	Per mile – Schedule A – 84 months – Monthly	.70 (I)
	Fixed – Schedule A – 120 months – Monthly	27.00 (I)
	Per mile – Schedule A – 120 months – Monthly	.70 (I)
	Fixed – Schedule A – 180 months – Monthly	27.00 (I)
	Per mile – Schedule A – 180 months – Monthly	.70 (I)
	Fixed – Schedule B – Monthly	5.00 (I)
	Per mile – Schedule B – Monthly	.45 (I)
Additional Service Features	Multi-Station Arrangement – Schedule A – 36 months – Monthly – Per station	5.48 (I)
	Multi-Station Arrangement – Schedule A – 60 months – Monthly – Per station	5.00 (I)
	Multi-Station Arrangement – Schedule A – 84 months – Monthly – Per station	5.00 (I)
	Multi-Station Arrangement – Schedule A – 120 months – Monthly – Per station	5.00 (I)
	Multi-Station Arrangement – Schedule A – 180 months – Monthly – Per station	5.00 (I)
	Multi-Station Arrangement – Schedule B – Monthly – Per station	.50 (I)
	Secondary Channel Capacity – Schedule A – 36 months – Monthly – Per station	5.48 (I)
	Secondary Channel Capacity – Schedule A – 60 months – Monthly – Per station	5.00 (I)
	Secondary Channel Capacity – Schedule A – 84 months – Monthly – Per station	5.00 (I)
	Secondary Channel Capacity – Schedule A – 120 months – Monthly – Per station	5.00 (I)
	Secondary Channel Capacity – Schedule A – 180 months – Monthly – Per station	5.00 (I)
	Secondary Channel Capacity – Schedule B – Monthly – Per station	.50 (I)

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**SECTION 20 – RATES (Cont'd)****3.9.5 Digital Service II Schedule A and B Billing (Cont'd)**

Service Category	Rate Element	Rate
Network Rearrangement	Change channel speed with no change of facilities – NRC – Per channel changed	244.00
	Change station termination in multi-station arrangement from 1 circuit to another in same serving wire center – NRC – Per station changed	244.00

**3.9.6 Digital Service II Volume Discount**

Service Category	Rate Element	Rate
Local Distribution Channel – 2.4, 4.8, 9.6 and 19.2 Kbps	2 Wire – NRC – Each	379.00
	2 Wire – Monthly – Each	22.05 (I)
	4 Wire – NRC – Each	488.00
	4 Wire – Monthly – Each	32.92 (I)
Local Distribution Channel – 56 Kbps	4 Wire – NRC – Each	542.00
	4 Wire – Monthly – Each	52.68 (I)

**SECTION 20 – RATES (Cont'd)**

## 3.10 Integrated Services Digital Network (ISDN) Services

## 3.10.1 ISDN Basic Service and Virtual Serving Arrangement (VSA)

Service Category	Rate Element	Rate
Digital Subscriber Line	Main Telephone Exchange Service – Monthly – Per line	8.80 (I)
	Digital Centrex – Monthly – Per line	8.80 (I)
Basic Service Capabilities	Alternate Circuit Switched Voice or Data – NRC – Each	15.00
	Alternate Circuit Switched Voice or Data – Main telephone exchange service – Monthly – Each	5.50 (I)
	Alternate Circuit Switched Voice or Data – Digital Centrex – Monthly – Each	22.00 (I)
	Circuit Switched Data – NRC – Each	15.00
	Circuit Switched Data – Digital Centrex – Monthly – Each	20.00
	Circuit Switched Data – Main telephone exchange service – Monthly – Each	5.50 (I)
	Circuit Switched Voice – NRC – Each	15.00
	Circuit Switched Voice – Second – NRC – Each	15.00
	Circuit Switched Voice – Second – Main telephone exchange service – Monthly – Each	5.50 (I)
	Circuit Switched Voice – Second – Digital Centrex – Monthly – Each	22.00 (I)
	High Speed Packet Switched Data – NRC – Each	35.00
	High Speed Packet Switched Data – Main telephone exchange service – Monthly – Each	55.00 (I)
	High Speed Packet Switched Data – Digital Centrex – Monthly – Each	97.90 (I)
	Low Speed Packet Switched Data – NRC – Each	35.00
	Low Speed Packet Switched Data – Main telephone exchange service – Monthly – Each	7.26 (I)
	Low Speed Packet Switched Data – Digital Centrex – Monthly – Each	8.80 (I)
Optional Features	Additional Call Offering – Monthly – Per directory number	2.00
	Associated Groups – Monthly – Per directory number	2.00
	Call Forwarding Busy – Monthly – Per directory number	2.00
	Call Forwarding Don't Answer – Monthly – Per directory number	2.00
	Call Forwarding – Monthly – Per directory number	2.00 (I)
	Customer Premises Modem Pools – NRC – Per arrangement	125.00

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**SECTION 20 – RATES (Cont'd)****3.10.1 ISDN Basic Service and Virtual Serving Arrangement (VSA) (Cont'd)**

Service Category	Rate Element	Rate
	Customer Premises Modem Pools – Monthly – Per arrangement	36.00 (I)
	DETS Nonstandard Configuration – NRC – Per group	400.00
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 10 Call Appearance/Features – NRC	30.00
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 10 Call Appearances/Features – Main telephone exchange service – Monthly	5.20 (I)
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 10 Call Appearance/Features – Digital Centrex – Monthly	4.00 (I)
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 20 Call Appearance/Features – NRC	50.00
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 20 Call Appearance/Features – Main telephone exchange service – Monthly	7.00 (I)
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 20 Call Appearance/Features – Digital Centrex - Monthly	5.50 (I)
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 30 Call Appearance/Features – NRC	70.00
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 30 Call Appearance/Features – Main telephone exchange service – Monthly	8.70 (I)
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 30 Call Appearance/Features – Digital Centrex - Monthly	7.00 (I)
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 40 Call Appearance/Features – NRC	90.00
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 40 Call Appearance/Features – Main telephone exchange service – Monthly	10.40 (I)
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 40 Call Appearance/Features – Digital Centrex - Monthly	8.50 (I)

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**SECTION 20 – RATES (Cont'd)****3.10.1 ISDN Basic Service and Virtual Serving Arrangement (VSA) (Cont'd)**

Service Category	Rate Element	Rate
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 50 Call Appearance/Features – NRC	100.00
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 50 Call Appearance/Features – Main telephone exchange service – Monthly	12.20 (I)
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 50 Call Appearance/Features – Digital Centrex - Monthly	10.00 (I)
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 60 Call Appearance/Features – NRC	110.00
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 60 Call Appearance/Features – Main telephone exchange service – Monthly	13.80 (I)
	DETS Standard and Nonstandard Configuration – Basic DETS features up to 60 Call Appearance/Features – Digital Centrex - Monthly	11.50 (I)
	DETS Six way Conference – Monthly – Per terminal	15.00 (I)
	Display Service – NRC – Pre primary directory number	15.00
	Display Service – Monthly – Per primary directory number	1.00 (I)
	Key Activated Feature – Automatic intercom – NRC – Per intercom arrangement	20.00
	Key Activated Feature – Automatic intercom – Monthly – Per intercom arrangement	1.00 (I)
	Key Activated Feature – Group intercom – NRC – Per group	20.00
	Key Activated Feature – Group intercom – Monthly – Per group	1.00 (I)
	Multiline Hunt Groups – Monthly – Per hunt group	5.50 (I)
	Multiline Hunt Groups – NRC – Per hunt group	40.00
	Packet Switched Data Service – Additional virtual circuits – NRC – Per circuit	25.00
	Packet Switched Data Service – Additional virtual circuits – Monthly – Per circuit	3.00 (I)
	Packet Switched Data Service – Closed user groups – NRC – Per group	25.00
	Packet Switched Data Service – Closed user groups – Monthly – Per group	1.00 (I)

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**SECTION 20 – RATES (Cont'd)****3.10.1 ISDN Basic Service and Virtual Serving Arrangement (VSA) (Cont'd)**

Service Category	Rate Element	Rate
	Packet Switched Data Service – Flow control parameter negotiation - NRC	25.00
	Packet Switched Data Service – Flow control parameter negotiation – Monthly	1.00 (I)
	Packet Switched Data Service – Permanent virtual circuit – NRC – Per circuit	50.00
	Packet Switched Data Service – Permanent virtual circuit – Monthly – Per circuit	12.00 (I)
	Secondary Number –NRC – Per number	20.00
	Secondary Number – Monthly – Per number	1.00 (I)
	Terminating Modem Pool Access Telephone Numbers – NRC – Per number	20.00
	Terminating Modem Pool Access Telephone Numbers – Monthly – Per number	1.00 (I)
Optional Feature Packages	Internet Access Package – NRC – Each	20.00
	Internet Access Package – Monthly – Per digital subscriber line	3.25 (I)
	Home Office Package – NRC – Each	25.00
	Home Office Package – Monthly – Per digital subscriber line	3.75 (I)
	Deluxe Package – NRC – Each	30.00
	Deluxe Package – Monthly – Per terminal	4.25 (I)
Virtual Office ISDN (VOI)	Month-to-month – NRC	100.00
	Month-to-month – Monthly	70.00 (I)
	24 months – NRC	100.00
	24 months – Monthly	50.00 (I)
	36 months – NRC	75.00
	36 months – Monthly	50.00 (I)
	60 months – NRC	75.00
	60 months – Monthly	47.00 (I)
Feature Changes	Feature Change Charge – NRC	15.00

**3.10.2 ISDN Primary Service**

Service Category	Rate Element	Rate
Port	Initial – NRC	860.00
	Initial – 36 months – NRC – Monthly	14.13
	Initial – 60 months – NRC – Monthly	9.40
	Initial – Month-to-month - Monthly	585.00 (I)
	Initial – 36 months – Monthly	526.50 (I)
	Initial – 60 months – Monthly	468.00 (I)
	Additional – At the same location ordered at the same time – NRC – Each	410.00

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**SECTION 20 – RATES (Cont'd)****3.10.2 ISDN Primary Service (Cont'd)**

Service Category	Rate Element	Rate
	Additional – At the same location ordered at the same time – 36 months – NRC – Monthly	526.50 (I)
	Additional – At the same location ordered at the same time – Month-to-Month – Monthly	585.00
	Additional – At the same location ordered at the same time – 36 months – Monthly	526.50
	Additional – At the same location ordered at the same time – 60 months – Monthly	468.00
Local Distribution Channel	Initial – Month-to-Month Option – NRC	837.38
	2 Year Volume Contract – Package 1, 1 to 10 PRIs – Monthly	155.00
	2 Year Volume Contract – Package 2, 11 to 20 PRIs – Monthly	150.00
	2 Year Volume Contract – Package 2, 21+ PRIs – Monthly	145.00
	3 Year Volume Contract – Package 1, 1 to 10 PRIs – Monthly	150.00
	3 Year Volume Contract – Package 1, 1 to 10 PRIs – Monthly	145.00
	3 Year Volume Contract – Package 1, 1 to 10 PRIs – Monthly	140.00
	Additional – At the same location ordered at the same time as the initial local distribution channel – month-to-month – NRC - Each	260.00
Optional Capabilities	Channel Configuration – NRC – Per dedicated trunk group	480.00
	Channel Configuration – Monthly – Per dedicated trunk group	10.00
	Calling Line Identification – NRC – Per port	52.00
	Calling Line Identification – Monthly – Per port	130.00
	Calling Line Identification with Name – NRC – Per port	100.00
	Calling Line Identification with Name – Month-to-month - Monthly – Per port	150.00 (I)
	Calling Line Identification with Name – 36 months – Monthly – Per port	140.00 (I)
	Calling Line Identification with Name – 60 months – Monthly – Per port	130.00
	Multiple Facility Signaling Control – NRC – Per controlling D channel	150.00
	Backup D Channel – NRC	100.00
	Backup D Channel – Month-to-month – Monthly	50.00
	Backup D Channel – 36 months – Monthly	47.50
	Backup D Channel – 60 months – Monthly	45.00

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**SECTION 20 – RATES (Cont'd)****3.10.2 ISDN Primary Service (Cont'd)**

Service Category	Rate Element	Rate
	Intercom Capability – NRC – Per trunk	15.00
	Intercom Capability – Month-to-month – Monthly – Per trunk	20.00 (I)
	Intercom Capability – 36 months – Monthly – Per trunk	19.00 (I)
	Intercom Capability – 60 months – Monthly – Per trunk	18.00 (I)
	Network Ring Again – NRC – Per controlling D channel	325.00
	Network Ring Again – Month-to-month – Monthly – Per controlling D channel	25.00 (I)
	Network Ring Again – 36 month – Monthly – Per controlling D channel	23.75 (I)
	Network Ring Again – 60 month – Monthly – Per controlling D channel	22.50 (I)
	Two B Channel Transfer – NRC – Per port	100.00
	Two B Channel Transfer – Month-to-month – Monthly – Per port	75.00 (I)
	Two B Channel Transfer – 36 month – Monthly – Per port	65.00 (I)
	Two B Channel Transfer – 60 month – Monthly – Per port	60.00 (I)
	Redirecting Number – NRC – Per port	75.00
	Redirecting Number – Month-to-month – Per port	40.00 (I)
	Redirecting Number – 36 months – Monthly – Per port	35.00 (I)
	Redirecting Number – 60 months – Monthly – Per port	30.00 (I)
	Modified Redirecting Number – NRC – Per port	75.00
	Modified Redirecting Number – Month-to-month – Monthly – Per port	40.00 (I)
	Modified Redirecting Number – 36 months – Monthly – Per port	35.00 (I)
	Modified Redirecting Number – 60 months – Monthly – Per port	30.00 (I)
	Optional Feature Package – NRC – Per port	100.00
	Optional Feature Package – Month-to-month – Monthly – Per port	170.00 (I)
	Optional Feature Package – 36 months – Monthly – Per port	165.00 (I)
	Optional Feature Package – 60 months – Monthly – Per port	155.00 (I)

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**SECTION 20 – RATES (Cont'd)****3.10.2 ISDN Primary Service (Cont'd)**

Service Category	Rate Element	Rate
	Intercom Capability Package (10 or more B channels on 1 PRI) – NRC – Per port	200.00
	Intercom Capability Package (10 or more B channels on 1 PRI) – Month-to-month – Monthly – Per port	200.00
	Intercom Capability Package (10 or more B channels on 1 PRI) – 36 months – Monthly – Per port	190.00
	Intercom Capability Package (10 or more B channels on 1 PRI) – 60 months – Monthly – Per port	180.00
Changes	Changes to a call-by-call or dedicated trunk group – NRC – Per trunk group	340.00

**3.10.3 Circuit Switched Data Transport**

Service Category	Rate Element	Rate
ISDN Basic Network Call Usage within the Local Calling Area – 128 LATA	Residence – Zone 1 – Per minute	.016
	Business – Zone 1 – Per minute	.02
	Centrex – Zone 1 – Per minute	.006
	Residence – Zone 2 – Per message	.015 (I)
	Residence – Zone 2 – Per minute	.016
	Business/Centrex – Zone 2 – Per message	.015 (I)
	Business/Centrex – Zone 2 – Per minute	.02
ISDN Basic Network Call Usage within the Local Calling Area – 413 LATA	Residence – Peak – Per minute	.016
	Business – Peak – Per minute	.02
	Residence/Business – Off-peak – Per minute	.008
	Centrex – Peak – Per minute	.006
	Centrex – Off-Peak – Per minute	.006
ISDN Primary Network Call Usage Within the Local Calling Area – 128 LATA	Business – Zone 1 – Per message	.015 (I)
	Business – Zone 1 – Per minute	.02
	Business – Zone 2 – Per message	.015 (I)
	Business – Zone 2 – Per minute	.02
ISDN Primary Network Call Usage Within the Local Calling Area – 413 LATA	Business – Per message	.015 (I)
	Business – Peak – Per minute	.02
	Business – Off-peak – Per minute	.02
ISDN Basic/Primary Network Calling Usage Within the Local Calling Area – 128 LATA	Residence – Per message	.015 (I)
	Residence – Day – Per minute	.10
	Residence – Evening – Per minute	.07
	Residence – Night/Weekend – Per minute	.04
	Business – Per message	.015 (I)
	Business – Day – Per minute	.06
	Business – Evening – Per minute	.06
	Business – Night/Weekend – Per minute	.06

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**SECTION 20 – RATES (Cont'd)****3.10.3 Circuit Switched Data Transport**

Service Category	Rate Element	Rate
ISDN Basic/Primary Network Call Usage Within the Local Calling Area – 413 LATA	Per message	.015 (I)
	Business – Peak – Per minute	.06
	Business – Off-peak – Per minute	.06
	Residence – Peak – Per minute	.07
	Residence – Off-peak – Per minute	.04
ISDN Basic Optional Circuit Switched Data Local Usage Packages	20 Hour Package – Monthly – Each	12.00
	20 Hour Package – Each additional minute of overtime usage	.01
	60 Hour Package – Monthly – Each	28.80
	60 Hour Package – Each additional minute of overtime usage	.008
	140 Hour Package – Monthly – Each	50.40
	140 Hour Package – Each additional minute of overtime usage	.006

**3.10.4 Packet Switched Data Transport**

Service Category	Rate Element	Rate
Usage	Call Detail – Print format – NRC – Per bill	25.00
	Call Detail – Print format – Monthly – Per bill	2.00
	Packet Transport Data – Up to 2500 kilopackets – Day – Per kilopacket	.50
	Packet Transport Data – Up to 2500 kilopackets – Evening – Per kilopacket	.37
	Packet Transport Data – Up to 2500 kilopackets – Night – Per kilopacket	.24
	Packet Transport Data – From 2501 to 10,000 kilopackets – Per kilopacket	aggregated usage rates (up to 2500 kilopacket rates) are discounted by 5%
	Packet Transport Data – Over 10,000 kilopackets – Per kilopacket	aggregated usage rates (up to 2500 kilopacket rates) are discounted by 10%
	Transaction – Per transaction up to 10 packets	.01
	Per minute – Per minute of use	.06

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**SECTION 20 – RATES (Cont'd)****3.10.5 Enhanced ISDN PRI Hub Service**

Service Category	Rate Element	Rate
Enhanced ISDN PRI Hub Ports	NRC – Each	700.00
	Month-to-month - Monthly	525.00 (I)
	36 months – Monthly	495.00 (I)

**3.11 Network Reconfiguration Service (NRS)****3.11.1 Network Access Ports**

Service Category	Rate Element	Rate
DDSII	NRC – Each	37.00
	Month-to-month – Monthly – Each	16.00 (I)
	36 months – Monthly – Each	14.40 (I)
	60 months – Monthly – Each	12.80 (I)
/Flexible path	NRC – Each	37.00
	Month-to-month – Monthly – Each	110.00 (I)
	36 months – Monthly – Each	99.00 (I)
	60 months – Monthly – Each	88.00 (I)

**3.11.2 Network Controller Access**

Service Category	Rate Element	Rate
Analog Private Line Termination	Type 3002 – NRC – Each	140.00
	Type 3002 – Monthly – Each	27.00 (I)
Attendant Access	NRC – Each	68.00
	Monthly – Each	200.00 (I)
DDSII Termination	NRC – Each	140.00
	Monthly – Each	19.00 (I)
Dial Up Termination	NRC – Each	140.00
	Monthly – Each	36.00 (I)
DOV Termination	NRC – Each	140.00
	Monthly – Each	19.00 (I)
Voice Grade Termination	NRC – Each	40.00
	Monthly – Each	20.00 (I)

**3.11.3 Optional Features**

Service Category	Rate Element	Rate
Automatic Reconfiguration	Service Establishment	452.00

**SECTION 20 – RATES (Cont'd)**

## 3.12 High Capacity (HC) Service

## 3.12.1 High Capacity (HC) Service

Service Category	Rate Element	Rate
High Capacity (HC) Service	NRC – Per Initial System	650.00
	NRC – Per additional system installed at same time	400.00
	(HC) 256 Service Option – Month-to-month – Monthly – Per system	580.00
	(HC) 256 Service Option – 24 months – Monthly – Per system	570.00
	(HC) 256 Service Option – 36 months – Monthly – Per system	564.00
	(HC) 384 Service Option – Month-to-month – Monthly – Per system	642.00
	(HC) 384 Service Option – 24 months – Monthly – Per system	608.00
	(HC) 384 Service Option – 36 months – Monthly – Per system	574.00
	(HC) 512 Service Option – Month-to-month – Monthly – Per system	713.00
	(HC) 512 Service Option – 24 months – Monthly – Per system	675.00
	(HC) 512 Service Option – 36 months – Monthly – Per system	638.00
	(HC) 768 Service Option – Month-to-month – Monthly – Per system	784.00
	(HC) 768 Service Option – 24 months – Monthly – Per system	760.00
	(HC) 768 Service Option – 36 months – Monthly – Per system	720.00 (I)
	Changes from one (HC) System to another (HC) System – Per change	450.00
Centrex Plus	NRC – Centrex Plus system added subsequent to initial (HC) system installation – Per line	25.00
	Centrex Plus Features – Monthly – Per line	5.00
Feature Packages	NRC – Per Feature Package added subsequent to initial system installation – Per line	10.00
	Feature Package No. 1 – Monthly – Per line equipped	6.00
	Feature Package No. 2 – Monthly – Per line equipped	6.00
	Feature Package No. 3 – Monthly – Per line equipped	6.00
	Feature Package No. 4 – Monthly – Per line equipped	6.00
	Feature Package No. 5 – Monthly – Per line equipped	6.00
	Feature Package No. 6 – Monthly – Per line equipped	6.00
	Feature Package No. 7 – Monthly – Per line equipped	7.00

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**SECTION 20 – RATES (Cont'd)****3.12.1 High Capacity (HC) Service (Cont'd)**

Service Category	Rate Element	Rate
	Feature Package No. 8 – Monthly – Per line equipped	7.00
	Feature Package No. 9 – Monthly – Per line equipped	7.00
	Feature Package No. 10 – Monthly – Per line equipped	5.00
	Feature Package No. 11 – Monthly – Per line equipped	5.00
	Feature Package No. 12 – Monthly – Per line equipped	5.00
	Feature Package No. 13 – Monthly – Per line equipped	5.00
	Feature Package No. 14 – Monthly – Per line equipped	6.00
	Feature Package No. 15 – Monthly – Per line equipped	6.00

**3.12.2 Enhanced (HC) Services**

Service Category	Rate Element	Rate
Enhanced (HC) Service	Service Activation – NRC – Per Initial DS1	75.00
	Service Activation – NRC – Per Each additional DS1	25.00
	Service Activation – NRC – Per Subsequent Installation DS0	25.00
	Service Activation – NRC – Per System Rearrangement	200.00
	Central Office Capacity of 24 Channels – Month-to-month – Per System	185.00
	Central Office Capacity of 24 Channels – 24 Months – Monthly – Per System	155.00
	Central Office Capacity of 24 Channels – 36 months – Monthly – Per System	135.00
	Analog Line/PBX Trunk/Centrex Plus – Monthly	6.50 (I)
	Voice Grade Connectivity – Monthly – Per channel	1.00
	Intraoffice Channel – Monthly – Per channel	7.00
	Interoffice Channel – Monthly – Per channel	12.00
Service Grooming	Level 4 (256 Kbps) – Monthly	2.00
	Level 6 (384 Kbps) – Monthly	3.00
	Level 8 (512 Kbps) – Monthly	3.00
	Level 12 (768 Kbps) – Monthly	3.00
Centrex Service	NRC – Centrex Plus system added subsequent to initial (HC) system installation – Per line	25.00
	Centrex Plus standard features – Monthly – Per line	5.00
Feature Packages	NRC – Per Enhanced (HC) Feature Package added subsequent to initial system installation – Per line	10.00
	Feature Package No. 1 – Monthly – Per line equipped	6.00
	Feature Package No. 2 – Monthly – Per line equipped	6.00
	Feature Package No. 3 – Monthly – Per lined equipped	6.00
	Feature Package No. 4 – Monthly – Per line equipped	6.00
	Feature Package No. 5 – Monthly – Per line equipped	6.00

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**SECTION 20 – RATES (Cont'd)****3.12.2 Enhanced (HC) Services (Cont'd)**

Service Category	Rate Element	Rate
	Feature Package No. 6 – Monthly – Per line equipped	6.00 (I)
	Feature Package No. 7 – Monthly – Per line equipped	7.00 (I)
	Feature Package No. 8 – Monthly – Per line equipped	7.00 (I)
	Feature Package No. 9 – Monthly – Per line equipped	7.00 (I)
	Feature Package No. 10 – Monthly – Per line equipped	5.00 (I)
	Feature Package No. 11 – Monthly – Per line equipped	5.00 (I)
	Feature Package No. 12 – Monthly – Per line equipped	5.00 (I)
	Feature Package No. 13 – Monthly – Per line equipped	5.00 (I)
	Feature Package No. 14 – Monthly – Per line equipped	6.00 (I)
	Feature Package No. 15 – Monthly – Per line equipped	6.00 (I)

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**SECTION 20 – RATES (Cont'd)**

## 3.13 Digital Automatic Call Distribution (ADC) From DMS100

## 3.13.1 Basic Feature Packages

Service Category	Rate Element	Rate
Agent Basic Feature Package	NRC – Per position	60.00
	Month-to-month – Per position	55.00
	24 months – Monthly – Per position	37.00
	36 months – Monthly – Per position	35.00 (R)
	48 months – Monthly – Per position	33.00
	60 months – Monthly – Per position	31.00
	84 months – Monthly – Per position	28.00
Supervisor Basic Feature Package	NRC – Per position	60.00
	Month-to-month – Per position	50.00
	24 months – Monthly – Per position	33.00
	36 months – Monthly – Per position	31.00
	48 months – Monthly – Per position	29.00
	60 months – Monthly – Per position	27.00
	84 months – Monthly – Per position	25.00
Agent/Supervisor Basic Feature Package	NRC – Per position	60.00
	Month-to-month – Per position	58.00
	24 months – Monthly – Per position	39.00
	36 months – Monthly – Per position	37.00
	48 months – Monthly – Per position	35.00
	60 months – Monthly – Per position	33.00
	84 months – Monthly – Per position	30.00
Agent/Supervisor Non-electronic Feature Package	NRC – Per position	60.00
	Month-to-month – Per position	45.00
	24 months – Monthly – Per position	35.00
	36 months – Monthly – Per position	33.00
	48 months – Monthly – Per position	31.00
	60 months – Monthly – Per position	29.00
	84 months – Monthly – Per position	27.00
ACD Secretary Directory Number	Month-to-month – Per number	2.00
	24 months – Monthly – Per number	1.60
	36 months – Monthly – Per number	1.40
	48 months – Monthly – Per number	1.20
	60 months – Monthly – Per number	1.00
	84 months – Monthly – Per number	1.10
ACD Group	Month-to-month – Per group	12.00
	24 months – Monthly – Per group	10.00
	36 months – Monthly – Per group	9.00
	48 months – Monthly – Per group	8.00
	60 months – Monthly – Per group	7.00
	84 months – Monthly – Per group	6.00

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**SECTION 20 – RATES (Cont'd)****3.13.2 Optional Feature Packages**

Service Category	Rate Element	Rate
Agent Advance Feature Package	Month-to-month – Per position	4.50 (I)
	24 months – Monthly – Per position	3.50 (I)
	36 months – Monthly – Per position	3.25 (I)
	48 months – Monthly – Per position	3.00 (I)
	60 months – Monthly – Per position	2.75 (I)
	84 months – Monthly – Per position	2.75 (I)
Agent Display Feature Package	Month-to-month – Per position	1.50 (I)
	24 months – Monthly – Per position	1.10 (I)
	36 months – Monthly – Per position	1.05 (I)
	48 months – Monthly – Per position	1.00 (I)
	60 months – Monthly – Per position	.90 (I)
	84 months – Monthly – Per position	.80 (I)
Supervisor Advanced Feature Package	Month-to-month – Per position	1.00 (I)
	24 months – Monthly – Per position	.40 (I)
	36 months – Monthly – Per position	.35 (I)
	48 months – Monthly – Per position	.30 (I)
	60 months – Monthly – Per position	.25 (I)
	84 months – Monthly – Per position	.20 (I)
Supervisor Display Feature Package	Month-to-month – Per position	2.00 (I)
	24 months – Monthly – Per position	1.60 (I)
	36 months – Monthly – Per position	1.50 (I)
	48 months – Monthly – Per position	1.40 (I)
	60 months – Monthly – Per position	1.30 (I)
	84 months – Monthly – Per position	1.20 (I)
Agent/Supervisor Advanced Package	Month-to-month – Per position	4.00 (I)
	24 months – Monthly – Per position	3.60 (I)
	36 months – Monthly – Per position	3.35 (I)
	48 months – Monthly – Per position	3.10 (I)
	60 months – Monthly – Per position	2.85 (I)
	84 months – Monthly – Per position	2.60 (I)
Agent/Supervisor Display Feature Package	Month-to-month – Per position	2.00 (I)
	24 months – Monthly – Per position	1.70 (I)
	36 months – Monthly – Per position	1.60 (I)
	48 months – Monthly – Per position	1.50 (I)
	60 months – Monthly – Per position	1.40 (I)
	84 months – Monthly – Per position	1.30 (I)
Other Optional Features	Access to Customer Premises Announcement or Music – NRC – Per system	60.00
	Access to Customer Premises Announcement or Music – Month-to-month – Per circuit	65.00 (I)



**SECTION 20 – RATES (Cont'd)****3.13.2 Optional Feature Packages (Cont'd)**

Service Category	Rate Element	Rate
	Access to Customer Premises Announcement or Music – 24 months – Monthly – Per circuit	38.00 (I)
	Access to Customer Premises Announcement or Music – 36 months – Monthly – Per circuit	36.00 (I)
	Access to Customer Premises Announcement or Music – 48 months – Monthly – Per circuit	34.00 (I)
	Access to Customer Premises Announcement or Music – 60 months – Monthly – Per circuit	32.00 (I)
	Access to Customer Premises Announcement or Music – 84 months – Monthly – Per circuit	28.00 (I)
	Access to Customer Premises Emergency Recording Device – NRC – Per system	60.00
	Access to Customer Premises Emergency Recording Device – Month-to-month – Per circuit	20.00
	Access to Customer Premises Emergency Recording Device – 24 monthly – Monthly – Per circuit	14.00 (I)
	Access to Customer Premises Emergency Recording Device – 36 monthly – Monthly – Per circuit	13.00 (I)
	Access to Customer Premises Emergency Recording Device – 48 monthly – Monthly – Per circuit	12.00 (I)
	Access to Customer Premises Emergency Recording Device – 60 monthly – Monthly – Per circuit	11.00 (I)
	Access to Customer Premises Emergency Recording Device – 84 monthly – Monthly – Per circuit	10.00 (I)
	Agent Status Indication – Month-to-month – Per indication	7.00
	Agent Status Indication – 24 months – Monthly – Per indication	4.50 (I)
	Agent Status Indication – 36 months – Monthly – Per indication	4.00 (I)
	Agent Status Indication – 48 months – Monthly – Per indication	3.50 (I)
	Agent Status Indication – 60 months – Monthly – Per indication	3.00 (I)
	Agent Status Indication – 84 months – Monthly – Per indication	2.50 (I)
	Call Delay Announcement – Pre-recorded – For each 15 seconds or fraction thereof – NRC – Per system	60.00
	Call Delay Announcement – Pre-recorded – For each 15 seconds or fraction thereof – Month-to-month – Per announcement	40.00

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**SECTION 20 – RATES (Cont'd)****3.13.2 Optional Feature Packages (Cont'd)**

Service Category	Rate Element	Rate
	Call Delay Announcement – Pre-recorded – For each 15 seconds or fraction thereof – 24 months – Monthly – Per announcement	28.00
	Call Delay Announcement – Pre-recorded – For each 15 seconds or fraction thereof – 36 months – Monthly – Per announcement	26.00
	Call Delay Announcement – Pre-recorded – For each 15 seconds or fraction thereof – 48 months – Monthly – Per announcement	24.00
	Call Delay Announcement – Pre-recorded – For each 15 seconds or fraction thereof – 60 months – Monthly – Per announcement	22.00
	Call Delay Announcement – Pre-recorded – For each 15 seconds or fraction thereof – 84 months – Monthly – Per announcement	20.00
	MIS Analog Data Link – NRC – Per link	60.00
	MIS Analog Data Link – Month-to-month – Per link	100.00
	MIS Analog Data Link – 24 months – Monthly – Per link	70.00
	MIS Analog Data Link – 36 months – Monthly – Per link	67.00
	MIS Analog Data Link – 48 months – Monthly – Per link	64.00
	MIS Analog Data Link – 60 months – Monthly – Per link	61.00
	MIS Analog Data Link – 84 months – Monthly – Per link	58.00 (R)
	MIS Digital Data Link – NRC – Per link	60.00
	MIS Digital Data Link – Month-to-month – Per link	90.00
	MIS Digital Data Link – 24 months – Monthly – Per link	55.00
	MIS Digital Data Link – 36 months – Monthly – Per link	52.00
	MIS Digital Data Link – 48 months – Monthly – Per link	49.00
	MIS Digital Data Link – 60 months – Monthly – Per link	46.00 (I)
	MIS Digital Data Link – 84 months – Monthly – Per link	40.00
	Queue Slots – Additional – Month-to-month – Per slot	2.00

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**SECTION 20 – RATES (Cont'd)****3.13.2 Optional Feature Packages (Cont'd)**

Service Category	Rate Element	Rate
	Queue Slots – Additional – 24 months – Monthly – Per slot	1.40 (I)
	Queue Slots – Additional – 36 months – Monthly – Per slot	1.30 (I)
	Queue Slots – Additional – 48 months – Monthly – Per slot	1.20 (I)
	Queue Slots – Additional – 60 months – Monthly – Per slot	1.10 (I)
	Queue Slots – Additional – 84 months – Monthly – Per slot	1.00 (I)
	Queue Status Lamp Access Circuit – NRC – Per system	45.00
	Queue Status Lamp Access Circuit – Month-to-month – Per circuit	30.00
	Queue Status Lamp Access Circuit – 24 months – Monthly – Per circuit	22.00 (I)
	Queue Status Lamp Access Circuit – 36 months – Monthly – Per circuit	20.00 (I)
	Queue Status Lamp Access Circuit – 48 months – Monthly – Per circuit	18.00 (I)
	Queue Status Lamp Access Circuit – 60 months – Monthly – Per circuit	16.00 (I)
	Queue Status Lamp Access Circuit – 84 months – Monthly – Per circuit	14.00 (I)

**3.13.3 Changes**

Service Category	Rate Element	Rate
Feature Access Position	Change Charge – NRC – Per position	20.00
ACD Secretary Number	Change Charge – NRC – Per number	20.00
Call Delay Announcement – Pre-recorded	Change Charge – NRC – Per announcement	40.00
Queue Slots	Change Charge – NRC – Per customer system	20.00
Other Changes	Any other change affecting a group or the entire ACD system – NRC – Per feature change	45.00
	Change in telephone set type (one electronic set to another type, etc) – NRC – Per position	20.00
Transfer of Service	VTTP – NRC	96.99

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**SECTION 20 – RATES (Cont'd)**

## 3.14 CyberDS1 Service

## 3.14.1 CyberDS1 Service

Service Category	Rate Element	Rate
CyberDS1 Capacity	NRC – Per DS1 link	500.00
CyberDS1 Capacity – Month-to-month	Month-to-month – Monthly – Per DS1 link	750.00 (I)
CyberDS1 Capacity – Term Commitment Plan	1 Year Term Plan – Monthly – Per DS1 Link	725.00 (I)
	2 Year Term Plan – Monthly – Per DS1 Link	675.00 (I)
	3 Year Term Plan – Monthly – Per DS1 Link	600.00 (I)
CyberDS1 Capacity – Term Commitment and Volume Plan	1 Year Term and Volume Plan – 6 to 10 DS1 links – Monthly – Per link	675.00 (I)
	1 Year Term and Volume Plan – 11 to 20 DS1 links – Monthly – Per link	600.00 (I)
	1 Year Term and Volume Plan – 21 DS1 links and over – Monthly – Per link	500.00 (I)
	2 Year Term and Volume Plan – 6 to 10 DS1 links – Monthly – Per link	625.00 (I)
	2 Year Term and Volume Plan – 11 to 20 DS1 links – Monthly – Per link	550.00 (I)
	2 Year Term and Volume Plan – 21 DS1 links and over – Monthly – Per link	450.00 (I)
	3 Year Term and Volume Plan – 6 to 10 DS1 links – Monthly – Per link	550.00 (I)
	3 Year Term and Volume Plan – 11 to 20 DS1 links – Monthly – Per link	450.00 (I)
	3 Year Term and Volume Plan – 21 DS1 links and over – Monthly – Per link	375.00 (I)

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**SECTION 20 – RATES (Cont'd)**

## 4. Advanced Data Services

## 4.1 Frame Relay Services

## 4.1.1 Frame Relay – Monthly Service Plan

Service Category	Rate Element	Rate
UNI Port with Access Line	56 Kbps – Vintage 1 – Monthly – Each	117.57
	56 Kbps – Vintage 2 – Monthly – Each	212.00 (I)
	384 Kbps – Vintage 1 – Monthly – Each	388.31
	384 Kbps – Vintage 2 – Monthly – Each	612.00 (I)
	1.536 Mbps – Vintage 1 – Monthly – Each	968.31
	1.536 Mbps – Vintage 2 – Monthly – Each	1,098.00 (I)
	4 Mbps – Monthly – Each	3,528.00 (I)
	6 Mbps – Monthly – Each	3,993.00
	10 Mbps – Monthly – Each	4,429.00 (I)
	22 Mbps – Monthly – Each	4,659.00 (I)
	44.736 Mbps – Monthly – Each	5,990.00 (I)
UNI Port Only Connection	56 Kbps – Monthly – Each	107.00 (I)
	384 Kbps – Monthly – Each	230.00 (I)
	1.536 Mbps – Monthly – Each	293.00 (I)
	4 Mbps – Monthly – Each	1,052.00 (I)
	6 Mbps – Monthly – Each	1,104.00 (I)
	10 Mbps – Monthly – Each	1,198.00 (I)
	22 Mbps – Monthly – Each	1,597.00 (I)
	44.736 Mbps – Monthly – Each	1,997.00 (I)
NNI Port Only	384 Kbps – Monthly – Each	230.00 (I)
	1.536 Mbps – Monthly – Each	293.00 (I)
	44.736 Mbps – Monthly – Each	1,997.00 (I)
Optional Features	Additional Logical Channels – Per UNI Port with Access Line – 1 to 4	10.00
	Additional Logical Channels – Per UNI Port with Access Line – 5 to 9	5.00
	Additional Logical Channels – Per UNI Port with Access Line – 10 or more	1.00
Standard PVC Committed Information Rate Optional Feature	Standard PVC Committed Information Rate (CIR), Per PVC – 4 Kbps	3.00 (I)
	CIR, Per PVC – 8 Kbps	3.00 (I)
	CIR, Per PVC – 16 Kbps	3.00 (I)
	CIR, Per PVC – 28 Kbps	4.00 (I)
	CIR, Per PVC – 32 Kbps	4.00 (I)
	CIR, Per PVC – 42 Kbps	4.00 (I)
	CIR, Per PVC – 48 Kbps	4.00 (I)
	CIR, Per PVC – 64 Kbps	5.00 (I)
	CIR, Per PVC – 96 Kbps	7.00 (I)
	CIR, Per PVC – 128 Kbps	8.00 (I)
	CIR, Per PVC – 192 Kbps	10.00 (I)

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**SECTION 20 – RATES (Cont'd)****4.1.1 Frame Relay – Monthly Service Plan (Cont'd)**

Service Category	Rate Element	Rate
	CIR, Per PVC – 256 Kbps	12.00 (I)
	CIR, Per PVC – 288 Kbps	13.00 (I)
	CIR, Per PVC – 384 Kbps	15.00 (I)
	CIR, Per PVC – 512 Kbps	34.00 (I)
	CIR, Per PVC – 576 Kbps	35.00 (I)
	CIR, Per PVC – 768 Kbps	39.00 (I)
	CIR, Per PVC – 1.152 Kbps	48.00 (I)
	CIR, Per PVC – 1.536 Mbps	58.00 (I)
	CIR, Per PVC – 2 Mbps	61.00 (I)
	CIR, Per PVC – 3 Mbps	91.00 (I)
	CIR, Per PVC – 4 Mbps	121.00 (I)
	CIR, Per PVC – 5 Mbps	152.00 (I)
	CIR, Per PVC – 6 Mbps	182.00 (I)
	CIR, Per PVC – 7 Mbps	212.00 (I)
	CIR, Per PVC – 8 Mbps	242.00 (I)
	CIR, Per PVC – 9 Mbps	273.00 (I)
	CIR, Per PVC – 10 Mbps	303.00 (I)
	CIR, Per PVC – 11 Mbps	333.00 (I)
	CIR, Per PVC – 12 Mbps	363.00 (I)
	CIR, Per PVC – 13 Mbps	394.00 (I)
	CIR, Per PVC – 14 Mbps	424.00 (I)
	CIR, Per PVC – 15 Mbps	454.00 (I)
	CIR, Per PVC – 16 Mbps	484.00 (I)
	CIR, Per PVC – 17 Mbps	515.00 (I)
	CIR, Per PVC – 18 Mbps	545.00 (I)
	CIR, Per PVC – 19 Mbps	575.00 (I)
	CIR, Per PVC – 20 Mbps	605.00 (I)
	CIR, Per PVC – 21 Mbps	636.00 (I)
	CIR, Per PVC – 22 Mbps	666.00 (I)

**4.1.2 Frame Relay – Service Period Plan**

Service Category	Rate Element	Rate
UNI Port with Access Line	56 Kbps – One Year – Monthly – Each	200.00 (I)
	56 Kbps Vintage 1 – Three Years – Monthly – Each	103.29
	56 Kbps Vintage 2 – Three Years – Monthly – Each	176.00 (I)
	56 Kbps Vintage 1 – Five Years – Monthly – Each	93.20
	56 Kbps Vintage 2 – Five Years – Monthly – Each	164.00 (I)
	384 Kbps – One Year – Monthly – Each	569.00 (I)
	384 Kbps Vintage 1 – Three Years – Monthly – Each	342.35
	384 Kbps Vintage 2 – Three Years – Monthly – Each	520.00 (I)
	384 Kbps Vintage 1 – Five Years – Monthly – Each	304.30
	384 Kbps Vintage 2 – Five Years – Monthly – Each	496.00 (I)

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**SECTION 20 – RATES (Cont'd)**

## 4.1.3 Frame Relay - NRCs

Service Category	Rate Element	Rate
UNI Port with Access Line	56 Kbps – Month-to-month – Each	800.00
	384 Kbps – Month-to-month – Each	1,000.00
	1.536 Mbps – Month-to-month – Each	1,000.00
	4 Mbps – Month-to-month – Each	1,500.00
	6 Mbps – Month-to-month – Each	1,500.00
	10 Mbps – Month-to-month – Each	1,500.00
	22 Mbps – Month-to-month – Each	1,500.00
	44.736 Mbps – Month-to-month – Each	1,500.00
UNI Port Only Connection	56 Kbps – Month-to-month – Each	300.00
	384 Kbps – Month-to-month – Each	300.00
	1.536 Mbps – Month-to-month – Each	300.00
	4 Mbps – Month-to-month – Each	300.00
	6 Mbps – Month-to-month – Each	300.00
	10 Mbps – Month-to-month – Each	300.00
	22 Mbps – Month-to-month – Each	300.00
	44.736 Mbps – Month-to-month – Each	300.00

## 4.2 Transparent LAN Service

## 4.2.1 Transparent LAN Service

Service Category	Rate Element	Rate
TLS Access Line	Half Duplex/Full Duplex – 10 Mbps – Month-to-Month – NRC – Each Line	1,300.00
	100 Mbps – Month-to-Month – NRC – Each Line	1,300.00
	1000 Mbps – Month-to-Month – NRC – Each Line	1,300.00
	Half Duplex/Full Duplex – 10 Mbps – Month-to-Month – Monthly – Each Line	1,200.00
	100 Mbps – Month-to-Month – Monthly – Each Line	2,400.00
	1000 Mbps – Month-to-Month – Monthly – Each Line	4,000.00
	Half Duplex/Full Duplex – 10 Mbps – 3 Year Term Plan – Monthly – Each Line	1,000.00
	100 Mbps – 3 Year Term Plan – Monthly – Each Line	2,000.00
	1000 Mbps – 3 Year Term Plan – Monthly – Each Line	3,500.00
	Half Duplex/Full Duplex – 10 Mbps – 5 Year Term Plan – Monthly – Each Line	900.00
	100 Mbps – 5 Year Term Plan – Monthly – Each Line	1,800.00
	1000 Mbps – 5 Year Term Plan – Monthly – Each Line	3,200.00
Interoffice Mileage, Per line	Per Mile – Monthly	100.00 (I)
TLS Domain/LAN	Extension Equipment Changes – NRC – Per location, Per change	400.00

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**SECTION 20 – RATES (Cont'd)**

## 4.3 Enhanced Dedicated SONET Service

## 4.3.1 Enhanced Dedicated SONET Service

Service Category	Rate Element	Rate			
		Month-to-Month	3-Year	5-Year	7-Year
EDSS Node	OC3 – Monthly	N/A	2,228.00	1,290.00	1186.00
	OC12 – Monthly	N/A	4,860.00	2,700.00	2430.00
	OC48 – Monthly	N/A	10,658.00	4,604.00	4143.00
	OC192 – Monthly	N/A	16,560.00	9,200.00	8280.00
	Subsequent installations per Node – NRC	N/A	1,599.00	1,599.00	1599.00
EDSS Mileage, by Node Type	OC3 – Per Mile – Monthly	N/A	352.00	235.00	223.00
	OC12 – Per Mile – Monthly	N/A	400.00	310.00	300.00
	OC48 – Per Mile – Monthly	N/A	625.00	450.00	400.00
	OC192 – Per Mile – Monthly	N/A	1,215.00	900.00	850.00
	ThruPath Connection	N/A	182.00	182.00	182.00
EDSS Port	DS1 at OC3 Node – Monthly	28.00	28.00	28.00	28.00
	DS1 at OC12 Node – Monthly	28.00	28.00	28.00	28.00
	DS1 at OC48 Node – Monthly	28.00	28.00	28.00	28.00
	DS1 at OC192 Node – Monthly	28.00	28.00	28.00	28.00
	DS3 or STS1 at OC3 Node – Monthly	115.00	115.00	115.00	115.00
	DS3 or STS1 at OC12 Node – Monthly	115.00	115.00	115.00	115.00
	DS3 or STS1 at OC48 Node – Monthly	115.00	115.00	115.00	115.00
	DS3 or STS1 at OC192 Node – Monthly	115.00	115.00	115.00	115.00
	DS3 Transmux at OC12 Node – Monthly	400.00	400.00	400.00	400.00
	DS3 Transmux at OC48 Node – Monthly	400.00	400.00	400.00	400.00
	DS3 Transmux at OC192 Node – Monthly	400.00	400.00	400.00	400.00
	OC3c at OC12 Node – Monthly	250.00	250.00	250.00	250.00
	OC3c at OC48 Node – Monthly	250.00	250.00	250.00	250.00
	OC3c at OC192 Node – Monthly	250.00	250.00	250.00	250.00

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**SECTION 20 – RATES (Cont'd)**

## 4.3 Enhanced Dedicated SONET Service

## 4.3.1 Enhanced Dedicated SONET Service

Service Category	Rate Element	Rate			
		Month-to-Month	3-Year	5-Year	7-Year
EDSS Port					
	OC3 at OC12 Node – Monthly	250.00	250.00	250.00	250.00
	OC3 at OC48 Node – Monthly	250.00	250.00	250.00	250.00
	OC3 at OC192 Node – Monthly	250.00	250.00	250.00	250.00
	OC12c at OC48 Node – Monthly	500.00	500.00	500.00	500.00
	OC12c at OC192 Node - Monthly	500.00	500.00	500.00	500.00
	OC12 at OC48 Node – Monthly	500.00	500.00	500.00	500.00
	OC12 at OC192 Node – Monthly	500.00	500.00	500.00	500.00
	OC48c at OC192 Node – Monthly	1200.00	1200.00	1200.00	1200.00
	OC48 at OC192 Node – Monthly	1200.00	1200.00	1200.00	1200.00
	GigE1 at OC12 Node – Monthly	230.00	230.00	230.00	230.00 (R)
	GigE1 at OC48 Node – Monthly	230.00	230.00	230.00	230.00
	GigE1 at OC192 Node – Monthly	230.00	230.00	230.00	230.00
	GigE3 at OC12 Node – Monthly	345.00	345.00	345.00	345.00
	GigE3 at OC48 Node – Monthly	345.00	345.00	345.00	345.00
	GigE3 at OC192 Node – Monthly	345.00	345.00	345.00	345.00
	GigE6 at OC12 Node – Monthly	455.00	455.00	455.00	455.00
	GigE6 at OC48 Node – Monthly	455.00	455.00	455.00	455.00
	GigE6 at OC192 Node – Monthly	455.00	455.00	455.00	455.00
	GigE9 at OC12 Node – Monthly	535.00	535.00	535.00	535.00

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**SECTION 20 – RATES (Cont'd)**

## 4.3 Enhanced Dedicated SONET Service

## 4.3.1 Enhanced Dedicated SONET Service

Service Category	Rate Element	Rate			
EDSS Port	GigE9 at OC48 Node – Monthly	535.00	535.00	535.00	535.00
	GigE9 at OC192 Node – Monthly	535.00	535.00	535.00	535.00
	GigE12 at OC48 Node – Monthly	645.00	645.00	645.00	645.00
	GigE12 at OC192 Node – Monthly	645.00	645.00	645.00	645.00
	GigE24 at OC48 Node – Monthly	880.00	880.00	880.00	880.00
	GigE12 at OC192 Node – Monthly	880.00	880.00	880.00	880.00
EDSS Partial Ring – High Speed Interface	OC12 – Per Interface – Monthly	N/A	4,860.00	2,700.00	2,430.00
	OC48 – Per Interface – Monthly	N/A	10,658.00	4,604.00	4,143.00
	OC 192 – Per Interface – Monthly	N/A	16,460.00	9,200.00	8,280.00
EDSS Partial Ring Channel Mapping	DS1 Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	DS3 or STS1 Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	OC3 Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	OC3c Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	OC12 Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	OC12c Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	OC48 Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	OC48c Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	GigE1 Channel – Per Channel – NRC	N/A	150.00	150.00	150.00

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**SECTION 20 – RATES (Cont'd)**

## 4.3 Enhanced Dedicated SONET Service

## 4.3.1 Enhanced Dedicated SONET Service

Service Category	Rate Element	Rate			
EDSS Partial Ring Channel Mapping	GigE3 Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	GigE6 Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	GigE9 Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	GigE12 Channel – Per Channel – NRC	N/A	150.00	150.00	150.00
	Gig E24 Channel – Per Channel - NRC	N/A	150.00	150.00	150.00

Service Category	Rate Element	Rates			
		Initial Installations		Subsequent Installations	
		Month-to-Month	Term Plans	Month-to-Month	Term Plans
EDSS Port – Non-Recurring Charges	DS1 at OC3 Node – First – NRC	525.00	N/A	1.00	1.00
	DS1 at OC3 Node - Additional – NRC	210.00	N/A	.75	.75
	DS1 at OC12 Node – First – NRC	525.00	N/A	1.00	1.00
	DS1 at OC12 Node – Additional – NRC	210.00	N/A	.75	.75
	DS1 at OC48 Node – First – NRC	525.00	N/A	1.00	1.00
	DS1 at OC48 Node – Additional – NRC	210.00	N/A	.75	.75
	DS1 at OC192 Node – First – NRC	525.00	N/A	1.00	1.00
	DS1 at OC192 Node – Additional – NRC	210.00	N/A	.75	.75
	DS3 or STS1 at OC3 Node – First – NRC	805.00	N/A	1.00	1.00
	DS3 or STS1 at OC3 Node – Additional – NRC	343.00	N/A	.75	.75
	DS3 or STS1 at OC12 Node – First – NRC	805.00	N/A	1.00	1.00

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**SECTION 20 – RATES (Cont'd)**

4.3 Enhanced Dedicated SONET Service

4.3.1 Enhanced Dedicated SONET Service

Service Category	Rate Element	Rates			
		Initial Installations		Subsequent Installations	
		Month-to-Month	Term Plans	Month-to-Month	Term Plans
EDSS Port – Non-Recurring Charges	DS3 or STS1 at OC12 Node – Additional – NRC	343.00	N/A	.75	.75
	DS3 or STS1 at OC48 Node – First – NRC	805.00	N/A	1.00	1.00
	DS3 or STS1 at OC48 Node – Additional – NRC	343.00	N/A	.75	.75
	DS3 or STS1 at OC192 Node – First – NRC	805.00	N/A	1.00	1.00
	DS3 or STS1 at OC192 Node – Additional – NRC	343.00	N/A	.75	.75
	DS3 Transmux at OC12 Node – First – NRC	805.00	N/A	1.00	1.00
	DS3 Transmux at OC12 Node – Additional – NRC	343.00	N/A	.75	.75
	DS3 Transmux at OC48 Node – First – NRC	805.00	N/A	1.00	1.00
	DS3 Transmux at OC48 Node – Additional – NRC	343.00	N/A	.75	.75
	DS3 Transmux at OC192 Node – First – NRC	805.00	N/A	1.00	1.00
	DS3 Transmux at OC192 Node – Additional – NRC	343.00	N/A	.75	.75
	OC3c at OC12 Node – First – NRC	805.00	N/A	1.00	1.00
	OC3c at OC12 Node – Additional – NRC	343.00	N/A	.75	.75
	OC3c at OC48 Node – First – NRC	805.00	N/A	1.00	1.00
	OC3c at OC48 Node – Additional – NRC	343.00	N/A	.75	.75
	OC3c at OC192 Node – First – NRC	805.00	N/A	1.00	1.00
	OC3c at OC192 Node – Additional – NRC	343.00	N/A	.75	.75
	OC3 at OC12 Node – First – NRC	805.00	N/A	1.00	1.00

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**SECTION 20 – RATES (Cont'd)**

- 4.3 Enhanced Dedicated SONET Service  
 4.3.1 Enhanced Dedicated SONET Service

Service Category	Rate Element	Rates			
		Initial Installations		Subsequent Installations	
		Month-to-Month	Term Plans	Month-to-Month	Term Plans
EDSS Port – Non-Recurring Charges	OC3 at OC12 Node – Additional – NRC	343.00	N/A	.75	.75
	OC3 at OC48 Node – First – NRC	805.00	N/A	1.00	1.00
	OC3 at OC48 Node – Additional – NRC	343.00	N/A	.75	.75
	OC3 at OC192 Node – First – NRC	805.00	N/A	1.00	1.00
	OC3 at OC192 Node – First – NRC	343.00	N/A	.75	.75
	OC12c at OC48 Node – First – NRC	767.00	N/A	1.00	1.00
	OC12c at OC48 Node – Additional – NRC	327.00	N/A	.75	.75
	OC12c at OC192 Node – First – NRC	767.00	N/A	1.00	1.00
	OC12c at OC192 Node – Additional – NRC	327.00	N/A	.75	.75
	OC12 at OC48 Node – First – NRC	767.00	N/A	1.00	1.00
	OC12 at OC48 Node – Additional – NRC	327.00	N/A	.75	.75
	OC12 at OC192 Node – First – NRC	767.00	N/A	1.00	1.00
	OC12 at OC192 Node – Additional – NRC	327.00	N/A	.75	.75
	OC48c at OC192 Node – First – NRC	767.00	N/A	1.00	1.00
	OC48c at OC192 Node – Additional – NRC	327.00	N/A	.75	.75

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**SECTION 20 – RATES (Cont'd)**

4.3 Enhanced Dedicated SONET Service

4.3.1 Enhanced Dedicated SONET Service

Service Category	Rate Element	Rates			
		Initial Installations		Subsequent Installations	
		Month-to-Month	Term Plans	Month-to-Month	Term Plans
EDSS Port – Non-Recurring Charges	OC48 at OC192 Node – First – NRC	767.00	N/A	1.00	1.00
	OC48 at OC192 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE1 at OC12 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE1 at OC12 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE1 at OC48 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE1 at OC48 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE1 at OC192 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE1 at OC192 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE3 at OC12 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE3 at OC12 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE3 at OC48 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE3 at OC48 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE3 at OC192 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE3 at OC192 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE6 at OC12 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE6 at OC12 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE6 at OC48 Node – First – NRC	767.00	N/A	1.00	1.00

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**SECTION 20 – RATES (Cont'd)**

- 4.3 Enhanced Dedicated SONET Service  
 4.3.1 Enhanced Dedicated SONET Service

Service Category	Rate Element	Rates			
		Initial Installations		Subsequent Installations	
		Month-to-Month	Term Plans	Month-to-Month	Term Plans
EDSS Port – Non-Recurring Charges	GigE6 at OC48 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE6 at OC192 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE6 at OC192 Node – Additional - NRC	327.00	N/A	.75	.75
	GigE9 at OC48 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE9 at OC48 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE9 at OC192 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE9 at OC192 Node – Additional - NRC	327.00	N/A	.75	.75
	GigE12 at OC48 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE12 at OC48 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE12 at OC192 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE12 at OC192 Node – Additional - NRC	327.00	N/A	.75	.75
	GigE24 at OC48 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE24 at OC48 Node – Additional – NRC	327.00	N/A	.75	.75
	GigE24 at OC192 Node – First – NRC	767.00	N/A	1.00	1.00
	GigE24 at OC192 Node – Additional - NRC	327.00	N/A	.75	.75

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**SECTION 20 – RATES (Cont'd)**

## 4.4 SONET Point-to-Point Service

## 4.4.1 SONET Point-to-Point Monthly Rates

Service Category	Rate Element	Rate		
		Month-to-Month	3-Year	5-Year
Local Distribution Channel (LDC) – 2 Fiber Port	OC3 – 2 Fiber Port – Monthly – Each LDC	2,850.00	2,400.00	2,050.00
	OC3c – 2 Fiber Port – Monthly – Each LDC	2,850.00	2,400.00	2,050.00
	OC12 – 2 Fiber Port – Monthly – Each LDC	7,225.00	6,175.00	5,000.00
	OC12c – 2 Fiber Port – Monthly – Each LDC	7,225.00	6,175.00	5,000.00
	OC48 – 2 Fiber Port – Monthly – Each LDC	12,050.00	8,400.00	6,950.00
	OC48c – 2 Fiber Port – Monthly – Each LDC	12,100.00	8,450.00	7,000.00
Local Distribution Channel (LDC) – 4 Fiber Port	OC3 – 4 Fiber Port – Monthly – Each LDC	3,100.00	2,600.00	2,200.00
	OC3c – 4 Fiber Port – Monthly – Each LDC	3,100.00	2,600.00	2,200.00
	OC12 – 4 Fiber Port – Monthly – Each LDC	7,850.00	6,675.00	5,400.00
	OC12c – 4 Fiber Port – Monthly – Each LDC	7,850.00	6,675.00	5,400.00
	OC48 – 4 Fiber Port – Monthly – Each LDC	13,100.00	9,300.00	7,550.00
	OC48c – 4 Fiber Port – Monthly – Each LDC	13,200.00	9,400.00	7,650.00

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**SECTION 20 – RATES (Cont'd)**

## 4.4 SONET Point-to-Point Service

## 4.4.1 SONET Point-to-Point Monthly Rates

Service Category	Rate Element	Rate		
		Month-to-Month	3-Year	5-Year
Channel Mileage	OC3, OC3c – Fixed – Monthly – Each Channel	2,500.00	2,200.00	1,800.00
	OC12, OC12c – Fixed – Monthly – Each Channel	6,100.00	5,130.00	3,590.00
	OC48, OC48c – Fixed – Monthly – Each Channel	10,890.00	8,595.00	6,300.00
	OC3, OC3c – Monthly – Per Mile	300.00	200.00	125.00
	OC12, OC12c – Monthly – Per Mile	575.00	425.00	300.00
	OC48, OC48c – Monthly – Per Mile	2,950.00	2,350.00	1,250.00

## 4.4.2 SONET Point-to-Point Monthly Rates

Service Category	Rate Element	Rate		
		Month-to-Month	3-Year	5-Year
Local Distribution Channel (LDC) – 2 Fiber Port	OC3 – 2 Fiber Port – NRC – Each LDC	1.00	1.00	1.00
	OC3c – 2 Fiber Port – NRC – Each LDC	1.00	1.00	1.00
	OC12 – 2 Fiber Port – NRC – Each LDC	2.00	2.00	2.00
	OC12c – 2 Fiber Port – NRC – Each LDC	2.00	2.00	2.00
	OC48 – 2 Fiber Port – NRC – Each LDC	3.00	3.00	3.00
	OC48c – 2 Fiber Port – NRC – Each LDC	3.00	3.00	3.00

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**SECTION 20 – RATES (Cont'd)**

## 4.4 SONET Point-to-Point Service

## 4.4.1 SONET Point-to-Point Monthly Rates

Service Category	Rate Element	Rate		
		Month-to-Month	3-Year	5-Year
Local Distribution Channel (LDC) – 4 Fiber Port	OC3 – 4 Fiber Port – NRC – Each LDC	1.00	1.00	1.00
	OC3c – 4 Fiber Port – NRC – Each LDC	1.00	1.00	1.00
	OC12 – 4 Fiber Port – NRC – Each LDC	2.00	2.00	2.00
	OC12c – 4 Fiber Port – NRC – Each LDC	2.00	2.00	2.00
	OC48 – 4 Fiber Port – NRC – Each LDC	3.00	3.00	3.00
	OC48c – 4 Fiber Port – NRC – Each LDC	3.00	3.00	3.00

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**SECTION 20 – RATES (Cont'd)**

5. Centrex  
 5.1 Adjunct Features  
 5.1.1 CLAS

Service Category	Rate Element	Rate
Service Establishment	One Time Charges – Per system	100.00
	One Time Charges – Per line, all lines	5.00

## 5.1.2 Electronic Tandem Switching (ETS) Features

Service Category	Rate Element	Rate
Electronic Tandem Switching Features	ARS Deluxe – Common equipment – Service Establishment – One time charge – Per access code, per IESS	3,588.78
	ARS Deluxe – Common equipment – NRC – Per access code, per IESS	1,357.92
	ARS Deluxe – Common equipment – Monthly – Per access code, per IESS	489.82 (I)
	ARS Deluxe – Route Selection Patterns – Monthly – Per facility terminated in patterns	4.56
	ARS Deluxe – Route Selection Patterns – NPA – NRC – Per pattern	31.04
	ARS Deluxe – Route Selection Patterns – NPA – Monthly – Per pattern	6.45 (I)
	ARS Deluxe – Route Selection Patterns – NPA and central office codes – NRC – Per pattern	124.15
	ARS Deluxe – Route Selection Patterns – NPA and central office codes – Monthly – Per pattern	17.70 (I)
	ARS Deluxe – Route Selection Patterns – Addition of patterns – NPA Code – NRC – Per pattern	31.04
	ARS Deluxe – Route Selection Patterns – Addition of patterns – NPA Code – Monthly – Per pattern	6.45 (I)
	ARS Deluxe – Route Selection Patterns – Addition of patterns – NPA and central office code – NRC – Per pattern	124.15
	ARS Deluxe – Route Selection Patterns – Addition of patterns – NPA and central office code – Monthly – Per pattern	17.70 (I)
	ARS Deluxe – Route Selection Patterns – Additions, deletions or charges in time of day routing intervals – NRC	41.71
	ARS Deluxe – Route Selection Patterns – Additions, deletions, associated FRLs or More Expensive Route tone application in existing patterns – NRC – Per pattern	31.04

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**SECTION 20 – RATES (Cont'd)****5.1.2 Electronic Tandem Switching (ETS) Features (Cont'd)**

Service Category	Rate Element	Rate
	ARS Deluxe – Route Selection Patters – Additions or changes in NPA or central office code routing – NRC – Per code, per pattern group affected	24.25
	ARS Deluxe – Route Selection Patterns – Arrangement for additional pattern groups for time of day routing – NRC – Each	290.98
	ARS Deluxe – Route Selection Patterns – Arrangement for additional pattern groups for time of day routing – Monthly – Each	31.04 (I)
	Customer Administration and Control – Central office common equipment – Service establishment – One-time charges – Each	455.87
	Customer Administration and Control – Central office common equipment (includes central office data set) – NRC - - Each	1,078.57
	Customer Administration and Control – Central office common equipment (includes central office data set) – Monthly – Each	898.17 (I)
	Customer Administration and Control – Facilities administration and control – Common equipment – Service Establishment – One time charges – Each	1,939.88
	Customer Administration and Control – Central office equipment – Facilities administration and control – Common equipment – NRC – Each	195.93
	Customer Administration and Control – Central office equipment – Facilities administration and control – Common equipment – Monthly – Each	305.53 (I)
	Customer Administration and Control – Traffic data to customer – Common equipment – Service establishment – One time charges – Each	10,281.37
	Customer Administration and Control – Traffic data to customer – Common equipment – NRC	204.66
	Customer Administration and Control – Traffic data to customer – Common equipment – Monthly	649.86 (I)
	Customer Administration and Control – Traffic data to customer – NRC – Per queue equipped	51.41
	Customer Administration and Control – Traffic data to customer – Monthly – Per queue equipped	4.27 (I)
	Customer Administration and Control – Traffic data to customer – NRC – Per facility group equipped	51.41
	Customer Administration and Control – Traffic data to customer – Monthly – Per facility group equipped	10.18 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Tandem Switching (ETS) Features (Cont'd)**

Service Category	Rate Element	Rate
	Deluxe Queuing – Common equipment – Service Establishment – One time charges – Per 1ESS	1,842.89
	Deluxe Queuing – Common equipment – NRC – Per 1ESS	281.28
	Deluxe Queuing – Common equipment – Monthly – Per 1ESS	213.39 (I)
	Deluxe Queuing – Music on queue – Common equipment – NRC – Each	46.56
	Deluxe Queuing – Music on queue – Common equipment – Monthly – Each	124.15 (I)
	Deluxe Queuing – Queue – NRC – Per facility group equipped	83.41
	Deluxe Queuing – Queue – Monthly – Per facility group equipped	2.67 (I)
	Deluxe Queuing – Queue slots – Change – Quantity of queue slots – NRC – Per queue	35.89
	Deluxe Queuing – Queue slots – Change – Queue threshold time limit – NRC – Per queue	35.89
	Deluxe Queuing – Queue slots – Change – Recorded announcement – NRC	35.89
	Deluxe Queuing – Queue slots – Change – Ringback to off-hook queue, or vice versa – NRC – Per queue	35.89
	Deluxe Queuing – Queue slots – Off-hook with recorded announcement – Monthly – Each	28.13 (I)
	Deluxe Queuing – Queue slots – Off-hook with music – Monthly – Each	26.67 (I)
	Deluxe Queuing – Queue slots – Off-hook – Recorded announcement – Common equipment – NRC – Each	46.56
	Deluxe Queuing – Queue slots – Off-hook – Recorded announcement – Common equipment – Monthly – Each	81.48 (I)
	Deluxe Queuing – Queue slots – Ring back – Monthly – Each	18.43 (I)
	Facilities Restriction Levels – Authorization Codes – Common equipment – Service Establishment – One time charge	7,565.54
	Facilities Restriction Levels – Authorization Codes – Common equipment – NRC	703.21
	Facilities Restriction Levels – Authorization Codes – Common equipment - Monthly	615.91 (I)
	Facilities Restriction Levels – Authorization Codes – NRC – Per 100 codes or fraction thereof	24.25

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**SECTION 20 – RATES (Cont'd)****5.1.4 Electronic Tandem Switching (ETS) Features (Cont'd)**

Service Category	Rate Element	Rate
	Facilities Restriction Levels – Authorization codes – Monthly – Per 100 codes or fraction thereof	7.03 (I)
	Facilities Restriction Levels – Authorization codes – Monthly – Per facility terminated in ARS Deluxe or UN/AAR pattern, each	3.93 (I)
	Facilities Restriction Levels – Centrex station and incoming or two-way tie line terminations – NRC – Each	5.32
	Facilities Restriction Levels – Centrex station and incoming or two-way tie line termination – Monthly – Each	.24 (I)
	Facilities Restriction Levels – Change in a single authorization code and/or associated FRL where translations are required – NRC – Each	2.13
	Facilities Restriction Levels – Change in FRL – NRC – Per station or tie line termination, each	2.13
	SMDR – Changes in status of all station lines in 1ESS customer group or individual facility from records not required, to records required – NRC	3.20
	SMDR-P – Central office common equipment – Service Establishment – One time charge	3,491.79
	SMDR-P – Central office equipment – Common equipment (includes central office data set) – NRC – Each	486.91
	SMDR-P – Central office equipment – Common equipment (includes central office data set) – Monthly – Each	1,226.98 (I)
	SMDR-P – Central office equipment – NRC - Per facility terminated in ARS Deluxe or UN/AAR patterns when the system is equipped for originating records, each	5.82
	SMDR-P – Central office equipment – Monthly – Per facility terminated in ARS Deluxe or UN/AAR patterns when the system is equipped for originating records, each	9.94 (I)
	SMDR-P – Central office equipment – NRC – Per tie line facility equipped for terminating records, each	5.82
	SMDR-P – Central office equipment – Monthly – Per tie line facility equipped for terminating records, each	.97 (I)
	SMDR-P – Records change from recording completed calls only to all calls attempted or vice versa – NRC – Per system	22.07

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**SECTION 20 – RATES (Cont'd)****5.1.5 Electronic Tandem Switching (ETS) Features (Cont'd)**

Service Category	Rate Element	Rate
	UN/AAR – Common equipment – Service Establishment – One time charge	4,655.72
	UN/AAR – Common equipment – NRC	1,648.90
	UN/AAR – Common equipment – Monthly	698.36 (T)
	UN/AAR – Route Selection Patterns – NRC – Per UN/AAR pattern	31.04
	UN/AAR – Route Selection Patterns – Monthly – Per UN/AAR pattern	6.45
	UN/AAR – Route Selection Patterns – Monthly – Per tie line terminated in UN/AAR and/or ARS Deluxe pattern	4.36
	UN/AAR – Route Selection Patterns – NRC – Per facility for automatic overflow to DDD	8.00
	UN/AAR – Route Selection Patterns – Monthly – Per facility for automatic overflow to DDD	50.44
	UN/AAR – Route Selection Patterns – Additions, deletions or changes of routes or associated FRLs in existing patterns – NRC – Per pattern	31.04
	UN/AAR – Route Selection Patterns – Additions or changes in one network location code routing – NRC – Per code	41.71

**5.1.3 Electronic Central Office Features**

Service Category	Rate Element	Rate
Telephone Features	Automatic Callback Calling – NRC – Per main station line equipped	2.62
	Automatic Callback Calling – Month-to-month – Monthly – Per main station line equipped	1.79
	Automatic Callback Calling – 24 month – Monthly – Per main station line equipped	1.55
	Automatic Callback Calling – 48 month – Monthly – Per main station line equipped	1.30
	Automatic Callback Calling – Common equipment – Service Establishment – One time charges – Per system	1,551.91
	Automatic Callback Calling – Common equipment – NRC – Per system	46.56
	Automatic Callback Calling – Common Equipment – Month-to-month – Monthly – Per system	67.90
	Automatic Callback Calling – Common Equipment – 24 months – Monthly – Per system	51.80

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Automatic Callback Calling – Common Equipment – 48 months – Monthly – Per system	42.60 (I)
	Call Forwarding Busy Line – NRC – Per main station line equipped	2.14
	Call Forwarding Busy Line – Month-to-month – Monthly – Per main station line equipped	1.07 (I)
	Call Forwarding Busy Line – 24 months – Monthly – Per main station line equipped	0.85 (I)
	Call Forwarding Busy Line – 48 months – Monthly – Per main station line equipped	0.65 (I)
	Call Forwarding Does Not Answer – NRC – Per main station line equipped	2.14
	Call Forwarding Does Not Answer – Month-to-month – Monthly – Per main station line equipped	2.92 (I)
	Call Forwarding Does Not Answer – 24 months – Monthly – Per main station line equipped	3.00 (I)
	Call Forwarding Does Not Answer – 48 months – Monthly – Per main station line equipped	3.00 (I)
	Call Forwarding over Private Facilities – Common Equipment – One time charges – Per system	1,163.93
	Call Forwarding over Private Facilities – Common equipment – NRC – Per system	46.56
	Call Forwarding over Private Facilities – Common equipment – Month-to-month – Monthly – Per system	198.84 (I)
	Call Forwarding over Private Facilities – Common equipment – 24 months – Monthly – Per	163.00 (I)
	Call Forwarding over Private Facilities – Common equipment – 48 months – Monthly – Per system	140.00 (I)
	Call Forwarding over Private Facilities – NRC – Per main station line equipped	2.14
	Call Forwarding over Private Facilities – Month-to-month – Monthly – Per main station line equipped	10.18 (I)
	Call Forwarding over Private Facilities – 24 months – Monthly – Per main station line equipped	9.00 (I)
	Call Forwarding over Private Facilities – 48 months – Monthly – Per main station line equipped	7.50 (I)
	Call Forwarding Variable – NRC – Per main station line equipped	2.14
	Call Forwarding Variable – Month-to-month – Monthly – Per main station line equipped	5.24 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Call Forwarding Variable – 24 months – Monthly – Per main station line equipped	4.15
	Call Forwarding Variable – 48 months – Monthly – Per main station line equipped	3.30
	Call Hold – NRC – Per main station line equipped	2.14
	Call Hold – Month-to-month – Monthly – Per main station line equipped	3.15
	Call Hold – 24 months – Monthly – Per main station line equipped	2.50
	Call Hold – 48 months – Monthly – Per main station line equipped	2.00
	Call Hold – NRC – Per group of main station lines equipped	157.13
	Call Pickup – Month-to-month – Monthly – Per group of main station lines equipped	1.07
	Call Pickup – 24 months – Monthly – Per group of main station lines equipped	0.85
	Call Pickup – 48 months – Monthly – Per group of main station lines equipped	0.65 (I)
	Call Hold – NRC – Per main station line equipped	2.14
	Call Pickup – Month-to-month – Monthly – Per main station lines equipped	1.79
	Call Pickup – 24 months – Monthly – Per main station lines equipped	1.45
	Call Pickup – 48 months – Monthly – Per main station lines equipped	1.15
	Call Transfer All Calls – NRC – Per main station line equipped	2.14
	Call Transfer All Calls – Month-to-month – Monthly – Per main station lines equipped	2.09
	Call Transfer All Calls – 24 months – Monthly – Per main station lines equipped	1.65
	Call Transfer All Calls – 48 months – Monthly – Per main station lines equipped	1.30
	Call Waiting Originating – NRC – Per main station line equipped	2.14
	Call Waiting Originating – Month-to-month – Monthly – Per main station lines equipped	5.24

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Call Waiting Originating – 24 months – Monthly – Per main station lines equipped	4.15 (I)
	Call Waiting Originating – 48 months – Monthly – Per main station lines equipped	3.30 (I)
	Call Waiting Terminating – NRC – Per main station line equipped	2.14
	Call Waiting Terminating – Month-to-month – Monthly – Per main station lines equipped	5.24 (I)
	Call Waiting Terminating – 24 months – Monthly – Per main station lines equipped	4.15 (I)
	Call Transfer Terminating – 48 months – Monthly – Per main station lines equipped	3.30 (I)
	Dial Call Waiting Originating – NRC – Per main station line equipped	2.14
	Dial Call Waiting Originating – Month-to-month – Monthly – Per main station lines equipped	5.24 (I)
	Dial Call Waiting Originating – 24 months – Monthly – Per main station lines equipped	4.15 (I)
	Dial Call Waiting Originating – 48 months – Monthly – Per main station lines equipped	3.30 (I)
	Directed Call Pickup with Barge In – NRC – Per main station line equipped	2.14
	Directed Call Pickup with Barge In – Month-to-month – Monthly – Per main station lines equipped	0.24 (I)
	Directed Call Pickup with Barge In – 24 months – Monthly – Per main station lines equipped	0.20 (I)
	Directed Call Pickup with Barge In – 48 months – Monthly – Per main station lines equipped	0.15 (I)
	Directed Call Pickup without Barge In – NRC – Per main station line equipped	2.14
	Directed Call Pickup without Barge In – Month-to-month – Monthly – Per main station lines equipped	0.15 (I)
	Directed Call Pickup without Barge In – 24 months – Monthly – Per main station lines equipped	0.13 (I)
	Directed Call Pickup without Barge In – 48 months – Monthly – Per main station lines equipped	0.10 (I)
	Speed Dialing 6 Code – NRC – Per list	43.65
	Speed Dialing 6 Code – Monthly – Per list	3.15 (I)
	Speed Dialing 6 Code – 24 months – Monthly – Per list	2.50 (I)
	Speed Dialing 6 Code – 48 months – Monthly – Per list	2.00 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Speed Dialing 6 Code – NRC – Per main station line equipped	2.14
	Speed Dialing 6 Code – Monthly – Per main station line equipped	2.09 (I)
	Speed Dialing 6 Code – 24 months – Monthly – Per main station line equipped	1.65 (I)
	Speed Dialing 6 Code – 48 months – Monthly – Per main station line equipped	1.30 (I)
	Speed Dialing 30 Code – NRC – Per list	31.04
	Speed Dialing 30 Code – Monthly – Per list	10.18 (I)
	Speed Dialing 30 Code – 24 months – Monthly – Per list	8.25 (I)
	Speed Dialing 30 Code – 48 months – Monthly – Per list	6.45 (I)
	Speed Dialing 30 Code – NRC – Per main station line equipped	2.14
	Speed Dialing 30 Code – Monthly – Per main station line equipped	2.09 (I)
	Speed Dialing 30 Code – 24 months – Monthly – Per main station line equipped	1.65 (I)
	Speed Dialing 30 Code – 48 months – Monthly – Per main station line equipped	1.30 (I)
Automated Attendant Services	ARS – Common equipment – NRC – Per customer group (access group)	969.94
	ARS – Common equipment – month-to-month – Monthly – Per customer group (access group)	104.75 (I)
	ARS – Common equipment – 24 months – Monthly – Per customer group (access group)	83.00 (I)
	ARS – Common equipment – 48 months – Monthly – Per customer group (access group)	66.00 (I)
	ARS – Route Selection Patterns – Additions, deletions or changes of routes in existing patterns – NRC – Per pattern	223.09
	ARS – Route Selection Patterns – Additions or changes in NPA or central office – NRC – Per route	329.78
	ARS – Route Selection Patterns – Month-to-month – Monthly – Per facility terminated in patterns	5.48 (I)
	ARS – Route Selection Patterns – 24 months – Monthly – Per facility terminated in patterns	4.35 (I)
	ARS – Route Selection Patterns – 48 months – Monthly – Per facility terminated in patterns	3.45 (I)

**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to the DDD network – NRC – Per pattern each	213.39
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to the DDD network – month-to-month – Monthly – Per pattern, each	7.03 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to the DDD network – 24 months – Monthly – Per pattern, each	5.75 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to the DDD network – 48 months – Monthly – Per pattern, each	4.50 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to overflow tone – NRC – Per pattern, each	213.39
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to overflow tone – month-to-month – Monthly – Per pattern, each	36.37 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to overflow tone – 24 months – Monthly – Per pattern, each	28.90 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to overflow tone – 48 months – Monthly – Per pattern, each	22.80 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – NRC – Per NPA, per patterns, each	310.38
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – OPP month-to-month – Monthly – Per NPA, per patterns, each	15.52 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – 24 months – Monthly Per NPA, per patterns, each	12.40 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – 48 months – Monthly – Per NPA, per pattern, each	9.75 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to overflow tone – NRC – Per NPA, per pattern, each	310.38
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to overflow tone – month-to-month – Monthly – Per NPA, per patterns, each	41.71 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to overflow tone – 24 months – Monthly – Per NPA, per pattern, each	33.05 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to overflow tone – 48 months – Monthly – Per NPA, per pattern, each	26.10 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to the DDD network – Additions of patterns – NRC – Per pattern, each	213.39
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to the DDD network – Additions of patterns – month-to-month – Monthly – Per pattern, each	7.03 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to the DDD network – Additions of patterns – 24 months – Monthly – Per patterns, each	5.75 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to the DDD network – Additions of patterns – 48 months – Monthly – Per pattern, each	4.50 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to overflow tone – Additions of patterns – NRC – Per pattern, each	213.39
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to overflow tone – Additions of patterns – month-to-month – Monthly – Per patterns, each	36.37 (I)
	ARS Route Selection Patterns – NPA area code only (3 digit screening) with final route to overflow tone – Additions of patterns – 24 months – Monthly – Per pattern, each	28.90 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to overflow tone – Additions of patterns – 48 months – Monthly – Per pattern, each	22.80 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – Additions of patterns – NRC – Per NPA, per pattern, each	310.38
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – Additions of patterns – month-to-month – Monthly – Per NPA, per pattern, each	15.52 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – Additions of patterns – 24 months – Monthly – Per NPA, per patterns, each	12.40 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – Additions of patterns – 48 months – Monthly – Per NPA, per patterns, each	9.75 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to overflow tone – Additions of patterns – NRC – Per NPA, per pattern, each	310.38
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to overflow tone – Additions of patterns – month-to-month – Monthly – Per NPA, per pattern, each	41.71 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit) screening) with final route to overflow tone – Additions of patterns – 24 months – Monthly – Per NPA, per patterns, each	33.05 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit) screening) with final route to overflow tone – Additions of patterns – 48 months – Monthly – Per NPA, per patterns, each	26.10 (I)
	Outgoing Trunk Queuing – WATS – Attendant Key Control – Changes or rearrangements – Inhibit inflow – NRC	77.60
	Outgoing Trunk Queuing – WATS – Attendant Key Control – Changes or rearrangements – Inhibit outflow – NRC	77.60

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Outgoing Trunk Queuing – WATS – Attendant Key Control – Change in overflow arrangement – NRC	114.45
	Outgoing Trunk Queuing – WATS – Attendant key control common equipment – Inhibit inflow – NRC – Each	281.28
	Outgoing Trunk Queuing – WATS – Attendant key control common equipment – Inhibit inflow – month-to-month – Monthly – Each	6.69 (I)
	Outgoing Trunk Queuing – WATS – Attendant key control common equipment – Inhibit inflow - 24 months – Monthly – Each	5.35 (I)
	Outgoing Trunk Queuing – WATS – Attendant key control common equipment – Inhibit inflow – 48 months – Monthly – Each	4.20 (I)
	Outgoing Trunk Queuing – WATS – Attendant key control common equipment – Inhibit outflow – NRC – Each	281.28
	Outgoing Trunk Queuing – WATS – Attendant key control common equipment – Inhibit outflow – month-to-month – Monthly – Each	6.69 (I)
	Outgoing Trunk Queuing – WATS – Attendant key control common equipment – Inhibit outflow – 24 months – Monthly – Each	5.35 (I)
	Outgoing Trunk Queuing – WATS – Attendant key control common equipment – Inhibit outflow – 48 months – Monthly – Each	4.20 (I)
	Outgoing Trunk Queuing – WATS – Changes or rearrangements – Priority – NRC – Per main station	5.33
	Outgoing Trunk Queuing – WATS – Common equipment – NRC – Each	824.45
	Outgoing Trunk Queuing – WATS – Common equipment – Changes or rearrangements – NRC	266.73
	Outgoing Trunk Queuing – WATS – Common equipment – Service Establishment – One time charges – Per system	1,032.99
	Outgoing Trunk Queuing – WATS – Common equipment – month-to-month – Monthly – Each	138.70 (I)
	Outgoing Trunk Queuing – WATS – Common equipment – 24 months – Monthly – Each	111.00 (I)
	Outgoing Trunk Queuing – WATS – Common equipment – 48 months – Monthly – Each	87.00 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Outgoing Trunk Queuing – WATS – Queue – Changes or rearrangements – Queue threshold time limit – NRC	77.60
	Outgoing Trunk Queuing – WATS – Queue – NRC – Each	349.18
	Outgoing Trunk Queuing – WATS – Queue – month-to-month – Monthly – Each	7.03 (I)
	Outgoing Trunk Queuing – WATS – Queue – 24 months – Monthly – Each	5.75 (I)
	Outgoing Trunk Queuing – WATS – Queue – 48 months – Monthly – Each	4.50 (I)
	Outgoing Trunk Queuing – WATS – Queue slot – month-to-month – Monthly – Each	82.44 (I)
	Outgoing Trunk Queuing – WATS – Queue slot – 24 months – Monthly – Each	74.00 (I)
	Outgoing Trunk Queuing – WATS – Queue slot – 48 months – Monthly – Each	62.00 (I)
	Outgoing Trunk Queuing – WATS – Queue slot – Changes or rearrangements – Quantity of queue slots – NRC	77.60
	Outgoing Trunk Queuing – WATS – Recorded announcement – NRC	124.15
	Outgoing Trunk Queuing – WATS – Recorded announcement – month-to-month – Monthly	83.41 (I)
	Outgoing Trunk Queuing – WATS – Recorded announcement – 24 months – Monthly	83.50 (I)
	Outgoing Trunk Queuing – WATS – Recorded announcement – 48 months – Monthly	80.00 (I)
	Selected Customer Control of Facilities – NRC – Per facility group to which access is denied	22.07
	Selected Customer Control of Facilities – month-to-month – Monthly – Per facility group to which access is denied	9.46 (I)
	Selected Customer Control of Facilities – 24 months – Monthly – Per facility group to which access is denied	9.75 (I)
	Selected Customer Control of Facilities – 48 months – Monthly – Per facility group to which access is denied	9.75 (I)
	Selected Customer Control of Facilities – Service Establishment – Common equipment – One time charge – Per system	533.47
	Selected Customer Control of Facilities – Common equipment – NRC – Per system	57.23

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Selected Customer Control of Facilities – Common equipment – month-to-month – Monthly – Per system	24.73 (I)
	Selected Customer Control of Facilities – Common equipment – 24 months – Monthly – Per system	20.80 (I)
	Selected Customer Control of Facilities – Common equipment – 48 months – Monthly – Per system	15.60 (I)
	SMDR – Common equipment – NRC – Per location	1454.91
	SMDR – Common equipment – month-to-month – Monthly – Per location	6.21 (I)
	SMDR – Common equipment – 24 months – monthly – Per location	6.50 (I)
	SMDR – Common equipment – 48 months – monthly – Per location	6.50 (I)
	SMDR – Common equipment – NRC – Per facility group	41.71
	SMDR – Per message	.001
	SMDR – Line equipment – Service Establishment – One time charge – Per tie line	1,454.91
	SMDR – Line equipment – month-to-month – Monthly – Per tie line	25.70 (I)
	SMDR – Line equipment – 24 months – Monthly – Per tie line	20.60 (I)
	SMDR – Line equipment – 48 months – Monthly – Per tie line	16.20 (I)
	SMDR – Line equipment – Service Establishment – One time charge – Per foreign exchange line	1,454.91
	SMDR – Line equipment – Foreign exchange line – month-to-month – Monthly	31.04 (I)
	SMDR – Line equipment – Foreign exchange line – 24 months – monthly	24.75 (I)
	SMDR – Line equipment – Foreign exchange line – 48 months – monthly	19.50 (I)
	SMDR – Line equipment – Service Establishment – One time charge – Per other common carrier access line	1,454.91
	SMDR – Line equipment – Other common carrier access line – month-to-month – Monthly	25.70 (I)
	SMDR – Line equipment – Other common carrier access line – 24 months – Monthly	20.60 (I)
	SMDR – Line equipment – Other common carrier access line – 48 months – Monthly	16.20 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Station Dial Code Screening – month-to-month – Monthly – Per main station line	.53 (I)
	Station Dial Code Screening – 24 months – Monthly – Per main station line	.45 (I)
	Station Dial Code Screening – 48 months – Monthly – Per main station line	.40 (I)
	Station Dial Code Screening Arrangement I – NRC – Per group of main station lines with same screening arrangement	1,008.74
	Station Dial Code Screening – Arrangement I – Month-to-Month - Monthly – Per group of main station lines with same screening arrangement	286.13 (I)
	Station Dial Code Screening – Arrangement I – 24 months – Monthly – Per group of main station lines with same screening arrangement	228.00 (I)
	Station Dial Code Screening – Arrangement I – 48 months – Monthly – Per group of main station lines with same screening arrangement	180.00 (I)
	Station Dial Code Screening – Arrangement I – NRC – Per NPA (excluding home NPA) with central office code screening	872.95
	Station Dial Code Screening – Arrangement I – month-to-month – Monthly – Per NPA (excluding home NPA) with central office code screening	20.85 (I)
	Station Dial Code Screening – Arrangement I – 24 months – Monthly – Per NPA (excluding home NPA) with central office code screening	16.55 (I)
	Station Dial Code Screening – Arrangement I – 48 months – Monthly – Per NPA (excluding home NPA) with central office code screening	13.05 (I)
	Station Dial Code Screening – Arrangement I – Additions or deletions to NPA central office code group – NRC – Each	519.89
	Station Dial Code Screening – Arrangement II – NRC – Per group of main station lines with same screening arrangement and same access code	872.95
	Station Dial Code Screening – Arrangement II – month-to-month – Monthly – Per group of main station lines with same screening arrangement and same access code	286.13 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Station Dial Code Screening – Arrangement II – 24 months – Monthly – Per group of main station lines with same screening arrangement and same access code	228.00 (I)
	Station Dial Code Screening – Arrangement II – 48 months – Monthly – Per group of main station lines with same screening arrangement and same access code	180.00 (I)
	Station Dial Code Screening – Arrangement II – NRC – Per NPA with central office code screening	872.95
	Station Dial Code Screening – Arrangement II – month-to-month – Monthly – Per NPA with central office code screening	20.85 (I)
	Station Dial Code Screening – Arrangement II – 24 months – Monthly – Per NPA with central office code screening	16.55 (I)
	Station Dial Code Screening – Arrangement II – 48 months – Monthly – Per NPA with central office code screening	13.05 (I)
	Station Dial Code Screening – Arrangement II – Additions or deletions to NPA central office code group – NRC – Each	519.89
Other Features	Attendant Call thru Test on Tie Trunks – NRC – Per system	104.75
	Attendant Call thru Test on Tie Trunks- month-to-month – Monthly	8.24 (I)
	Attendant Call thru Test on Tie Trunks- 24 months – Monthly	6.65 (I)
	Attendant Call thru Test on Tie Trunks- 48 months – Monthly	5.25 (I)
	Attendant Camp On – NRC – Per console	104.75
	Attendant Camp On – month-to-month – Monthly – Per console	12.37 (I)
	Attendant Camp On – 24 months – Monthly – Per console	11.75 (I)
	Attendant Camp On – 48 months – Monthly – Per console	10.50 (I)
	Busy Verification by Attendant of Trunks – NRC – Per system	104.75
	Busy Verification by Attendant of Trunks – month-to-month – Monthly – Per system	5.72 (I)
	Busy Verification by Attendant of Trunks – 24 months – Monthly – Per system	4.55 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Busy Verification by Attendant of Trunks – 48 months – Monthly – Per system	3.60 (I)
	Busy Verification by Attendant of Line – NRC – Per system	104.75
	Busy Verification by Attendant of Line – month-to-month – Monthly – Per system	5.72 (I)
	Busy Verification by Attendant of Line – 24 months – Monthly – Per system	5.35 (I)
	Busy Verification by Attendant of Line – 48 months – Monthly – Per system	4.70 (I)
	Dial Through Attendant – NRC – Per system	51.41
	Dial Through Attendant – Monthly – month-to-month – Per system	2.09 (I)
	Dial Through Attendant – 24 months - Monthly – Per system	1.65 (I)
	Dial Through Attendant – 48 months - Monthly – Per system	1.30 (I)
	Inside-Outside Ringing – Service Establishment – Common equipment for either/both Class B and C ringing tone – One time charge – Per system	368.58
	Inside/Outside Ringing – Common equipment for either or both Class B and C ringing tone – NRC – Per system	83.41
	Inside/Outside Ringing – Common equipment for either or both Class B and C ringing tone – month-to-month – Monthly – Per system	61.11 (I)
	Inside/Outside Ringing – Common equipment for either or both Class B and C ringing tone – 24 months – Monthly – Per system	51.20 (I)
	Inside/Outside Ringing – Common equipment for either or both Class B and C ringing tone – 48 months – Monthly – Per system	38.40 (I)
	Inside/Outside Ringing – Class B ringing tone – NRC – Per main station line equipped	2.14
	Inside/Outside Ringing – Class B ringing tone – month-to-month – Monthly – Per main station line equipped	2.67 (I)
	Inside/Outside Ringing – Class B ringing tone – 24 months – Monthly – Per main station line equipped	2.50 (I)
	Inside/Outside Ringing – Class B ringing tone – 48 months – Monthly – Per main station line equipped	2.20 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.3 Electronic Central Office Features (Cont'd)**

Service Category	Rate Element	Rate
	Inside/Outside Ringing – Class C ring tone – NRC – Per pre-emptable SCAN access line terminal	2.14
	Inside/Outside Ringing – Class C ring tone – month-to-month – Monthly – Per pre-emptable SCAN access line terminal	1.45 (I)
	Inside/Outside Ringing – Class C ring tone – 24 months – Monthly – Per pre-emptable SCAN access line terminal	1.40 (I)
	Inside/Outside Ringing – Class C ring tone – 48 months – Monthly – Per pre-emptable SCAN access line terminal	1.30 (I)
	Reminder Ring provided or removed subsequent to the initial installation – NRC – Per main station line	1.84
	Split Service Offering – NRC – Per common block	751.70
	Split Service Offering – month-to-month – Monthly – Per common block	15.52 (I)
	Split Service Offering – 24 months – Monthly – Per common block	12.40 (I)
	Split Service Offering – 48 months – Monthly – Per common block	9.75 (I)

**5.1.4 Centrex Diversion Arrangements**

Service Category	Rate Element	Rate
Diversion Arrangements	Service Establishment – NRC – Per diversion arrangement – One time charge	138.00
	Service Establishment – Per division arrangement, per line arranged – One time charge	.40

**5.1.5 Redirected Incoming Call Service**

Service Category	Rate Element	Rate
Redirected Incoming Call Service	NRC – Per talk path	10.00
	Monthly – Per number redirected	6.50 (I)

**5.1.6 Centrex Call Management (CCM) ???????? – See next section**

Service Category	Rate Element	Rate
Caller ID- Number Only	After System Installation – NRC – Per system	50.00
	At or after System Installation – NRC – Per main station line equipped	3.00
	At or after System Installation – Monthly – Per main station line equipped	3.95 (I)

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**SECTION 20 – RATES (Cont'd)****5.1.6 Centrex Call Management (CCM) (Cont'd)**

Service Category	Rate Element	Rate
Busy Redial	After System Installation – NRC – Per system	50.00
	At or after System Installation – NRC – Per main station line equipped	3.00
	At or after System Installation – Monthly – Per main station line equipped	3.00 (I)
*69	After system Installation – NRC – Per system	50.00
	At or after System Installation – NRC – Per main station line equipped	3.00
	At or after System Installation – Monthly – Per main station line equipped	2.95 (I)
Caller ID	At or After System Installation – NRC – Per main station line equipped	15.00
	At or after System Installation – Monthly – Per main station line equipped	6.50 (I)
Call Trace	Per Activation	4.25
	Case Preparation Charge	5.00
Call Waiting ID With Name	At or after System Installation – NRC – Per main station line equipped	15.00
	At or after System Installation – Monthly – Per main station line equipped	6.50 (I)
Anonymous Call Rejection	NRC – Per main station line equipped	15.00
	Monthly – Per main station line equipped	3.00 (I)

**5.1.7 Centrex Call Management (CCM)**

Service Category	Rate Element	Rate
CCM	Service Establishment – NRC – Up to 200 lines – Per system	300.00
	Service Establishment – NRC – Over 200 lines – Per system	500.00
	Magnetic Tape – Monthly – Per system	52.00 (I)
	CD ROM – Monthly – Per system	52.00 (I)
	Call Detail – 100,000 messages – Per message	.01
	Call Detail – Over 100,000 messages - Per message	.005
	Additions or Changes – Up to 200 lines – NRC – Per system	75.00
	Additions or Changes – Over 200 lines – NRC – Per system	125.00

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**SECTION 20 – RATES (Cont'd)****5.1.7 Centrex Call Management (CCM) (Cont'd)**

Local Usage Detail	Service Establishment – Initial Station Line – NRC – Per line	100.00
	Additions or Changes – Additional Station Line – NRC – Per line	7.00
	Magnetic Tape – Monthly - Per system	52.00
	CD-ROM – Monthly – Per system	52.00
	Call Detail – First 100,000 messages – Per message	.01
	Call Detail – Over 100,000 messages – Per message	.005

**5.1.8 Digital Centrex Additional Features**

Service Category	Rate Element	Rate
Directed Call Park	NRC – Per talk path	15.00
	Monthly – Per main station line equipped	.75 (I)
Music on Hold	NRC – Per system	150.00
	Monthly – Per system	25.00

**5.1.9 Customer Moves and Changes (CMAC)**

Service Category	Rate Element	Rate
Customer Moves and Changes	S&E – 2 – 200 lines – Per system Equipped	800.00
	Monthly – 2 – 200 lines – Per system Equipped	95.00

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**SECTION 20 – RATES (Cont'd)****5.2 Provisions For Other Services****5.2.1 Terminating Number Screening**

Service Category	Rate Element	Rate
Terminating Number Screening	Option A – NRC – Per system, per request – Per 100 numbers equipped or fraction thereof	50.00
	Option B – NRC – Per system, per request – Per 100 numbers equipped or fraction thereof	50.00
	Option C – NRC – Per system, per request – Per 100 numbers equipped or fraction thereof	50.00

**5.2.2 Trunk Line Terminators**

Service Category	Rate Element	Rate
Terminations	Dial Trunk Line – Monthly – Per trunk	5.00 (I)
	Manual Trunk Line – Monthly – Per trunk	5.00 (I)

**5.2.3 Tie Line Terminations**

Service Category	Rate Element	Rate
Dial-Type	Analog – Monthly – Each	22.56 (I)
	Digital – Monthly – Each	15.00 (I)
Manual-Type	Analog – Monthly – Each	7.27 (I)
Other	When connecting a PBX and Centrex system so that access to or from the exchange and toll network is available at the Centrex termination – Measured service – Per tie line arranged	21.63
	When connecting a PBX and Centrex system so that access to or from the exchange and toll network is available at the Centrex termination – unlimited service – Per tie line arranged	23.18
	ETS type termination provided in association with ARS Deluxe or UN/AAR electronic tandem switching features – NPC – Each	51.41
	ETS type termination provided in association with ARS Deluxe or UN/AAR electronic tandem switching features – Monthly – Each	51.41 (I)



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**SECTION 20 – RATES (Cont'd)****5.2.4 Group Terminations**

Service Category	Rate Element	Rate
High Capacity or	NRC – Per facility	750.00
	Monthly – Per facility	360.00 (I)
Fractional T-1	NRC – Per 8 channel facility	750.00
	Monthly – Per 8 channel facility	200.00 (I)
	NRC – Per 12 channel facility	250.00 (I)
Measured Service	Monthly – Per tie line channel arranged	21.63 (I)
Unlimited Service	Monthly – Per tie line channel arranged	23.18 (I)

**5.2.5 Advanced Private Line Terminations**

Service Category	Rate Element	Rate
Advanced Private Line Termination Units	Service Establishment – One time charge	619.79
	NRC – Each	46.56
	Monthly – Each	114.45 (I)

**5.2.6 Advanced Private Line Terminations**

Service Category	Rate Element	Rate
Termination	Termination dial equipment of a Centrex system, including appearance in attendant position equipment – NRC – Per access line	66.93
	Termination dial equipment of a Centrex system, including appearance in attendant position equipment – Monthly – Per access line	33.46 (I)

**SECTION 20 – RATES (Cont'd)**

## 5.3 Analog Centrex Services

## 5.3.1 Analog Centrex Service I

Service Category	Rate Element	Rate
Service Establishment	Initial Installation – One time charge – Per system	410.00
Main Station Lines	Central Office Facilities – Schedule A – Vintage I – Upfront payment – Per main station line	420.00
	Central Office Facilities – Schedule A – Vintage II – Upfront payment – Per main station line	330.00
	Central Office Facilities – Schedule B – Monthly – Per main station line	2.45 (I)
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment 0 - to and including ½ airline mile – Per customer premises – Per main station	95.00
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment – Over ½ to and including 1 airline mile – Per customer premises – Per main station line	340.00
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment 0 Over 1 to and including 1 ½ airline miles – Per customer premises – Per main station line	530.00
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment – Over 1 ½ to and including 2 airline miles – Per customer premise – Per main station line	695.00
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment - Over 2 to and including 2 ½ airline miles – Per customer premises – Per main station line	940.00
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment - Over 2 ½ to and including 3 airline miles – Per customer premises – Per main station line	1,520.00
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment 0 - to and including ½ airline mile – Per customer premises – Per main station	95.00
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment – Over ½ to and including 1 airline mile – Per customer premises – Per main station line	270.00
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment 0 Over 1 to and including 1 ½ airline miles – Per customer premises – Per main station line	395.00
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment – Over 1 ½ to and including 2 airline miles – Per customer premise – Per main station line	495.00
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment - Over 2 to and including 2 ½ airline miles – Per customer premises – Per main station line	665.00

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**SECTION 20 – RATES (Cont'd)**

## 5.3.1 Analog Centrex Service I (Cont'd)

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Service Category	Rate Element	Rate
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment - Over 2 ½ to and including 3 airline miles – Per customer premises – Per main station line	995.00
	Outside Plant Facilities – Schedule B – 0 to and including ½ airline mile – Monthly – Per customer premises – Per main station line	.93
	Outside Plant Facilities – Schedule B – Over ½ to and including 1 airline mile – Monthly – Per customer premises – Per main station line	2.11
	Outside Plant Facilities – Schedule B – Over 1 to and including 1½ airline mile – Monthly – Per customer premises – Per main station line	3.26
	Outside Plant Facilities – Schedule B – Over 1½ to and including 2 airline mile – Monthly – Per customer premises – Per main station line	4.44
	Outside Plant Facilities – Schedule B – Over 2 to and including 2½ airline mile – Monthly – Per customer premises – Per main station line	5.60
	Outside Plant Facilities – Schedule B – Over 2½ to and including 3 airline mile – Monthly – Per customer premises – Per main station line	8.87
	Amount Attributable of Exchange Access – Included in Schedule A – Vintage I – Upfront payment charges – 0 to and including ½ airline mile – Per customer premises	236.00
	Amount Attributable of Exchange Access – Included in Schedule A – Vintage I – Upfront payment charges – Over ½ to and including 1 airline mile – Per customer premises	349.00
	Amount Attributable of Exchange Access – Included in Schedule A – Vintage I – Upfront payment charges – Over 1 to and including 1 ½ airline mile – Per customer premises	437.00
	Amount Attributable of Exchange Access – Included in Schedule A – Vintage I – Upfront payment charges – Over 1½ to and including 2 airline mile – Per customer premises	512.90
	Amount Attributable of Exchange Access – Included in Schedule A – Vintage I – Upfront payment charges – Over 2 to and including 2 ½ airline mile – Per customer premises	625.60

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**SECTION 20 – RATES (Cont'd)**

## 5.3.1 Analog Centrex Service I (Cont'd)

Service Category	Rate Element	Rate
	Amount Attributable of Exchange Access – Included in Schedule A – Vintage I – Upfront payment charges – Over 2½ to and including 3 airline mile – Per customer premises	892.40
	Amount of Attributable to Exchange Access – Included in Schedule A – Vintage II – Upfront payment charges – 0 to and including ½ airline mile – Per customer premises	195.50
	Amount of Attributable to Exchange Access – Included in Schedule A – Vintage II – Upfront payment charges – Over ½ to and including 1 airline mile – Per customer premise	276.00
	Amount of Attributable to Exchange Access – Included in Schedule A – Vintage II – Upfront payment charges – Over 1 to and including 1 ½ airline mile – Per customer premise	333.50
	Amount of Attributable to Exchange Access – Included in Schedule A – Vintage II – Upfront payment charges – Over 1½ to and including 2 airline mile – Per customer premise	379.50
	Amount of Attributable to Exchange Access – Included in Schedule A – Vintage II – Upfront payment charges – Over 2 to and including 2 ½ airline mile – Per customer premise	457.70
	Amount of Attributable to Exchange Access – Included in Schedule A – Vintage II – Upfront payment charges – Over 2½ to and including 3 airline mile – Per customer premise	609.50
	Amount of Attributable to Exchange Access – Included in Schedule B – Monthly – 0 to and including ½ airline mile – Per customer premises	1.44
	Amount of attributable to Exchange Access – included in Schedule B – Monthly – Over ½ to and including 1 airline mile - Per customer premises	1.95
	Amount of attributable to Exchange Access – included in Schedule B – Monthly – Over 1 to and including 1 ½ airline mile - Per customer premises	2.47
	Amount of attributable to Exchange Access – included in Schedule B – Monthly – Over 1½ to and including 2 airline mile - Per customer premises	2.98
	Amount of attributable to Exchange Access – included in Schedule B – Monthly – Over 2 to and including 2 ½ airline mile - Per customer premises	3.44

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**SECTION 20 – RATES (Cont'd)****5.3.1 Analog Centrex Service I (Cont'd)**

Service Category	Rate Element	Rate
	Amount of attributable to Exchange Access – included in Schedule B – Monthly – Over 2 ½ to and including 3 airline mile - Per customer premises	4.78
Standard Features	Subsequent Additions or Changes	40.00
	NRC – Per system	60.00
Conversion Charges	NRC – Per main station line	8.75
Exchange Usage	Unlimited Service Usage Charge – Monthly – Per equivalent PBX trunk	46.99
Transfer of Service	NRC	96.99
Extension	Main Station Lines – Intraexchange, interoffice channel – NRC – Each	163.92
	Main Station Lines – Intraexchange, interoffice channel – Monthly – Each	18.43
	Centrex Channel Terminals – NRC – Per exchange, per channel furnished	130.94
	Centrex Channel Terminals – Monthly – Per exchange, per channel furnished	5.09
	Where extension of main station lines are located at a premises other than where the main station line is located, but within same exchange and central office area, or where extensions are located in different building at the same premises and served by outside plant connected via the central office – NRC – Per arrangement	40.00

**5.3.2 Analog Centrex Service II**

Service Category	Rate Element	Rate
Termination Charges	Centrex I – 1 <sup>st</sup> 100 unrestricted and partially restricted main station lines or fraction	19,200.00
	Centrex I – Each additional 100 main station lines or fraction	6,800.00
	Centrex II – 1 <sup>st</sup> 100 unrestricted and partially restricted main station lines or fraction	21,900
	Centrex II – Each additional 100 main station lines or fraction	8,200.00
Exchange Access System	Monthly – Per equivalent PBX trunk	3.91
Main Station Lines	Centrex I & II – Unrestricted or partially restricted – Exchange access – Measured service – First 50 – Monthly – Each main station line	3.60
	Centrex I & II – Unrestricted or partially restricted – Exchange access – Measured service – Next 100 – Monthly – Each main station line	2.50

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**SECTION 20 – RATES (Cont'd)****5.3.2 Analog Centrex Service II (Cont'd)**

Service Category	Rate Element	Rate
	Centrex I & II – Unrestricted or partially restricted – Exchange access – Measured service – Next 750 – Monthly – Each main station line	1.75
	Centrex I & II – Unrestricted or partially restricted – Exchange access – Measured service – Over 900 – Monthly – Each main station line	1.35
	Centrex I & II – Unrestricted or partially restricted – Exchange access – Unlimited service – First 50 – Monthly – Each main station line	8.45
	Centrex I & II – Unrestricted or partially restricted – Exchange access – Unlimited service – Next 100 – Monthly – Each main station line	7.99
	Centrex I & II – Unrestricted or partially restricted – Exchange access – Unlimited service – Next 750 – Monthly – Each main station line	5.26 (R)
	Centrex I & II – Unrestricted or partially restricted – Exchange access – Unlimited service – Over 900 – Monthly – Each main station line	4.08
	Centrex I System Features – Unrestricted or partially restricted, where dial switching equipment is located on premises owned/leased by the Telco (Centrex CO) – First 50 – Monthly – Each main station line	19.10
	Centrex I System Features – Unrestricted or partially restricted, where dial switching equipment is located on premises owned/leased by the Telco (Centrex CO) – Next 100 – Monthly – Each main station line	12.50
	Centrex I System Features – Unrestricted or partially restricted, where dial switching equipment is located on premises owned/leased by the Telco (Centrex CO) – Next 750 – Monthly – Each main station line	8.50
	Centrex I System Features – Unrestricted or partially restricted, where dial switching equipment is located on premises owned/leased by the Telco (Centrex CO) – Over 900 – Monthly – Each main station line	7.25
	Centrex II System Features – Unrestricted or partially restricted, where dial switching equipment is located on premises owned/leased by the Telco (Centrex CO) – First 100 – Monthly – Each main station line	21.25
	Centrex II System Features – Unrestricted or partially restricted, where dial switching equipment is located on premises owned/leased by the Telco (Centrex CO) – Next 100 – Monthly – Each main station line	14.50

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**SECTION 20 – RATES (Cont'd)****5.3.2 Analog Centrex Service II (Cont'd)**

Service Category	Rate Element	Rate
	Centrex II System Features – Unrestricted or partially restricted, where dial switching equipment is located on premises owned/leased by the Telco (Centrex CO) – Next 750– Monthly – Each main station line	10.50
	Centrex II System Features – Unrestricted or partially restricted, where dial switching equipment is located on premises owned/leased by the Telco (Centrex CO) – Over 900– Monthly – Each main station line	9.30
	Centrex I & II – Restricted – At the principal premises – Measured or Unlimited – Monthly – Per line	4.80
	Centrex I & II – Restricted – At premises other than the principal premises but within the same exchange – Measured or Unlimited – Monthly – Per line	13.00
	Custom Centrex – Common equipment – NRC	600.00
	Custom Centrex – Common equipment – OPP month-to-month – Monthly	250.00
	Custom Centrex – Common equipment – OPP 24 months – Monthly	133.00
	Custom Centrex – Common equipment – OPP 48 months – Monthly	100.00
	Custom Centrex – Exchange access – Measured service – Monthly – Each main station line	3.50
	Custom Centrex – Exchange access – Unlimited service – Monthly – Each main station line	9.26
	Custom Centrex System Features – Month-to-month – Monthly	20.00
	Custom Centrex System Features – 24 months - Monthly	15.10
	Custom Centrex System Features – 48 months - Monthly	14.10
Extension Station Lines	Centrex I & II System Features – Monthly – Per extension station line	3.00
	Centrex I & II – To a premises other than where associated main station line is located, but within the same exchange – Monthly – Per line	13.40
	Centrex I & II – To secretarial answering service equipment located within same exchange but not in same building as the associated main station line – Monthly – Per line	12.50
	Custom Centrex System Features – Monthly – Per extension station line	3.00

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**SECTION 20 – RATES (Cont'd)****5.3.2 Analog Centrex Service II (Cont'd)**

Service Category	Rate Element	Rate
	Custom Centrex – To a premises other than where the associated main station line is located but within same exchange – Monthly – Per line	9.75
	Custom Centrex – To secretarial answering service equipment located within same exchange but not in same building as the associated main station line – Monthly – Per line	12.50
Night Service Arrangement	Line Answer Any Station – NRC	100.00
	Line Answer Any Station – Month-to-month – Monthly	30.00
	Line Answer Any Station – 24 months – Monthly	21.60
	Line Answer Any Station – 48 months – Monthly	16.20
Student Service at Educational Institutions	Centrex I – Option A or B – Monthly Note: The monthly rate is the same as that for similar 1 party resident main telephone exchange service less \$ 0.10	See Note
	Centrex I – Option C – Monthly – Note: The monthly rate is the same as that for similar 1 party resident main telephone exchange service	See Note
	Centrex II – Option A or B – Monthly – Note: The monthly rate is the same as that for similar 1 party resident main telephone exchange service less \$ 1.82	See Note
	Centrex II – Option C – Monthly – Note: The monthly rate is the same as that for similar 1 party resident main telephone exchange service less \$ 1.92	See Note
	Main Station Lines – NRC – Each main station line per room, apartment or suite	23.76
	Additional Station Lines – When installed at the same as the re-establishment of the associated main station line – NRC – Per room, apartment or suite	9.46
	Additional Station Lines – When installed subsequently – Per room, apartment or suite	16.73
	Extension lines to secretarial answering service equipment – When installed at the same as installation or re-establishment of the associated main station line – NRC – Per room, apartment or suite	14.31
	Extension lines to secretarial answering service equipment – When installed subsequently – NRC – Per room, apartment or suite	21.52
	Re-establishment of in place disconnected service – Option A or B, if Centrex lines are in place and are disconnected for reasons other than nonpayment of charges – For continuous period of more than 2 months – NRC – Per main station line	4.85

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**SECTION 20 – RATES (Cont'd)****5.3.2 Analog Centrex Service II (Cont'd)**

Service Category	Rate Element	Rate
	Re-establishment of in place disconnected service – Option A or B, if Centrex lines are in place and are disconnected for reasons other than nonpayment of charges – For continuous period of more than 1 month – NRC – Per main station line	14.31
	Move and Change – NRC – Each line	16.73
	Toll Denial – Monthly – Per main station line equipped	.97
Nonconsecutive Centrex Station Line Hunting	Line hunting between each group of 2 non-consecutive Centrex numbers – Monthly	3.00
Message Registration for Hospitals	NRC – Each line arranged – Minimum of 50	2.72
	Monthly – Each line arranged – Minimum of 50	.59
Multiple Key Number Service	For each group so arranged in excess of initial Centrex key number group – Directory listing – Monthly	1.66
	For each group so arranged in excess of initial Centrex key number group – Switchboard Arrangement – Monthly	75.00
Attendant Position Equipment	Conference Arrangements for Centrex systems having console or cord switchboard attendant positions – 5 terminal dial including 1 central office connection – Monthly	22.56
	Consoles with Key Pulsing – Monthly – Per position	266.74
	Consoles with Rotary Dial – Monthly – Per position	198.85
	Touch Tone Equipment – Monthly – Per console or switchboard equipped, each	13.35
	Universal switchboards, multiple with key pulsing – Monthly – Per position	266.74
	Universal switchboards, non-multiple with key pulsing – Monthly – Per position	266.74
	Voice Repeater Conference Arrangements for Centrex systems having cord switchboard attendant positions – 5 jack manual – 2 central office connections – Monthly	27.17
	Voice Repeater Conference Arrangements for Centrex systems having cord switchboard attendant positions – 10 jack manual – 4 central office connections – Monthly	36.38
Transfer of Service	VTTP	125.00

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**SECTION 20 – RATES (Cont'd)****5.3.3 Analog Centrex Services – Centrex Term Payment Plan (CTTP)**

Service Category	Rate Element	Rate
Transfer of Service	NRC	125.00
	Centrex I System Features 0- Unrestricted or partially restricted – 1 <sup>st</sup> 50 – Monthly	19.75 (I)
	Centrex I System Features – Unrestricted or partially restricted – Next 100 – Monthly	13.00 (I)
	Centrex I System Features – Unrestricted or partially restricted – Next 750 – Monthly	8.75 (I)
	Centrex I System Features – Unrestricted or partially restricted – Over 950 – Monthly	7.50 (I)
	Centrex II System Features 0- Unrestricted or partially restricted – 1 <sup>st</sup> 50 – Monthly	22.00 (I)
	Centrex II System Features – Unrestricted or partially restricted – Next 100 – Monthly	15.00 (I)
	Centrex II System Features – Unrestricted or partially restricted – Next 750 – Monthly	11.00 (I)
	Centrex II System Features – Unrestricted or partially restricted – Over 950 – Monthly	9.75 (I)
	Custom Centrex – Unrestricted – Common equipment – Monthly	250.00 (I)
	Custom Centrex system Features – Unrestricted – Monthly	17.50 (I)
	Centrex I & II – Restricted – At the principle premises – Monthly – Each	5.00 (I)
	Centrex I & II – Restricted – At premises other than the principle premises but within same exchange – Monthly – Each	13.30 (I)
Main Station Lines		
Extension Station Lines	Centrex I & II System Features – Monthly – Per extension station	3.00 (I)
	Custom Centrex System Features – Monthly – Per extension station	3.00 (I)
Tie Line Termination	Dial-Type – Monthly – Each	28.00 (I)
	Manual-type – Monthly – Each	10.00 (I)
Optional Features	Centrex Toll Diversion – Monthly – Per Centrex system arranged	60.00 (I)
	Centrex Toll Diversion – Monthly – Per Centrex station line arranged	.50 (I)
	Conference Arrangements for a Centrex system having either console or cord switchboard attendant positions- 5 terminal dial (1 central office connection0	27.00

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**SECTION 20 – RATES (Cont'd)****5.3.3 Analog Centrex Services – Centrex Term Payment Plan (CTTP) (Cont'd)**

Service Category	Rate Element	Rate
	Custom Centrex Manual Line – Termination for WATS – Monthly	10.00 (I)
	Custom Centrex Night Service Arrangement – Line answer any station – Monthly	30.00 (I)
	Multiple Key Number Service – For each group so arranged in excess of initial Centrex key number group – Directory listing – Monthly	2.00 (I)
	Multiple Key Number Service – For each group so arranged in excess of initial Centrex key number group – Switchboard arrangement – Monthly	75.00 (I)
	Nonconsecutive Centrex station line hunting between each group of two nonconsecutive Centrex numbers – Monthly	3.00 (I)
Electronic Tandem Switching Features	ARS Deluxe – Arrangements for additional pattern groups for time of day routing – Monthly – Each	32.00 (I)
	ARS Deluxe – Common equipment – Monthly – Per access code – (Per 1ESS)	505.00 (I)
	ARS Deluxe – Route Selection Patterns – Monthly – Per facility terminated in patterns	4.70 (I)
	ARS Deluxe-Route Selection Patterns – NPA area code only – Monthly – Per pattern	6.65 (I)
	ARS Deluxe – Route Selection Patterns – NPA and central office codes – Monthly – Per pattern	18.25 (I)
	Customer Administration and Control – Central office equipment – Common equipment – Monthly – Each (includes appropriate central office data set)	926.00 (I)
	Customer Administration and Control – Central office equipment – Facilities administration and control common equipment – Monthly	315.00 (I)
	Customer Administration and Control – Central office equipment – Traffic data to customer – Common equipment – Monthly	670.00 (I)
	Customer Administration and Control – Central office equipment – Traffic data to customer – Common equipment – Monthly – Per queue equipped	4.40 (I)
	Customer Administration and Control – Central office equipment – Traffic data to customer – Common equipment – Monthly – Per facility group equipped	10.50 (I)
	Deluxe Queuing – common equipment – Monthly – Per 1ESS	220.00 (I)

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**SECTION 20 – RATES (Cont'd)****5.3.3 Analog Centrex Services – Centrex Term Payment Plan (CTTP) (Cont'd)**

Service Category	Rate Element	Rate
	Deluxe Queuing – Music on queue – Common equipment – Monthly – Each	128.00
	Deluxe queuing – Off-hook queue slot with recorded announcement – Monthly – Each	29.00
	Deluxe queuing – Off-hook queue slot with Music – Monthly – Each	27.50
	Deluxe Queuing – Queue – Monthly – Per facility group equipped	2.75
	Deluxe Queuing – Recorded announcement – Common equipment – Monthly – Each	84.00
	Deluxe Queuing – Ringback queue slots – Monthly – Each	19.00
	ETS type tie line termination – Monthly – Each	53.00
	Facilities Restrictions Levels – Authorization codes – Common equipment – Monthly	635.00
	Facilities Restrictions Levels – Authorization codes – Monthly – Per 100 codes or fraction thereof	7.25
	Facilities Restrictions Levels – Authorization codes – Monthly – Per facility terminated in ARS Deluxe or UN/AAR patterns, each	4.05 (R)
	Facilities restrictions Levels – Centrex stations and incoming or two-way tie line termination – Monthly – Each	.25
	SMDR-P – Central office equipment – Common equipment (includes appropriate central office data set) – Monthly – Each	1,265.00
	SMDR-P – Central office equipment – Monthly – Per facility terminated in ARS Deluxe or UN/AAR patterns when the system is equipped for originating records, each	10.25
	SMDR-P – Central office equipment – Monthly – Per tie line facility equipped for terminating records, each	1.00
	UN/AAR – Common equipment – Monthly	720.00
	UN/AAR – Route selection Patterns – Monthly – Per UN/AAR pattern	6.65
	Un/AAR – Route Selection Patterns – Monthly – Per facility for automatic overflow to DDD	52.00
Electronic Central Office Telephone Features	Automatic Callback Calling – Monthly – Per main station line equipped	1.40
	Automatic Callback Calling – Common equipment – Monthly – Per system	70.00

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**SECTION 20 – RATES (Cont'd)****5.3.3 Analog Centrex Services – Centrex Term Payment Plan (CTTP) (Cont'd)**

Service Category	Rate Element	Rate
	Call Forwarding Busy Line – Monthly – Per main station line equipped	1.10 (I)
	Call Forwarding Don't Answer – Monthly – Per main station line equipped	2.15 (I)
	Call Forwarding over Private Facilities – Monthly – Per main station line equipped	7.50 (I)
	Call Forwarding over Private Facilities – Common Equipment – Monthly – Per system	205.00 (I)
	Call Forwarding – Monthly – Per main station line equipped	5.40 (I)
	Call Hold – Monthly – Per main station line equipped	3.25 (I)
	Call Pickup – Monthly – Per group of main station lines equipped	1.10 (I)
	Call Pickup – Monthly – Per main station line equipped	1.85 (I)
	Call Transfer All Calls – Monthly – Per main station line equipped	2.15 (I)
	Call Waiting Terminating – Monthly – Per main station line equipped	5.40 (I)
	Call Waiting Originating – Monthly – Per main station line equipped	5.40 (I)
	Dial Call Waiting Originating – Monthly – Per main station line equipped	5.40 (I)
	Directed Call Pickup with Barge In – Monthly – Per main station line equipped	.25 (I)
	Directed Call Pickup without Barge In – Monthly – Per main station line equipped	.15 (I)
	Speed Dialing 6 Code – Monthly – Per list	3.25 (I)
	Speed Dialing 6 Code – Monthly – Per main station line equipped	2.15 (I)
	Speed Dialing 30 Code – Monthly – Per list	10.50 (I)
	Speed Dialing 30 Code – Monthly – Per main station line equipped	2.15 (I)
Electronic Central Office Automated Attendant Service Features	ARS – Common equipment – Monthly – Per customer group	108.00 (I)
	ARS – Route Selection Patterns – Monthly – Per facility terminated in patterns	5.56 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to the DDD network – Monthly – Per pattern, each	7.25 (I)
	ARS – Route Selection Patterns – NPA area code only (3 digit screening) with final route to overflow tone – Monthly – Per pattern, each	37.50 (I)

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**SECTION 20 – RATES (Cont'd)****5.3.3 Analog Centrex Services – Centrex Term Payment Plan (CTTP) (Cont'd)**

Service Category	Rate Element	Rate
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – Monthly – Per NPA, per pattern, each	16.00 (I)
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final routed to overflow tone – Per NPA, per pattern, each	43.00 (I)
	Customer Dialed Account Recording – Monthly – Per message	.012 (I)
	Outgoing Trunk Queuing – WATS – Attendant key control common equipment – Inhibit inflow – Monthly – Each	6.90 (I)
	Outgoing Trunk Queuing – WATS – Attendant key control common equipment – Inhibit outflow – Monthly – Each	6.90 (I)
	Outgoing Trunk Queuing – WATS – Common equipment – Monthly – Each	143.00 (I)
	Outgoing Trunk Queuing – WATS – Queue – Monthly – Each	7.25 (I)
	Outgoing Trunk Queuing – WATS – Queue slot – Monthly – Each	37.50 (I)
	Outgoing Trunk Queuing – WATS – Recorded Announcement – Monthly	86.00 (I)
	Selected Customer Control of Facilities – Common Equipment – Monthly – Per system	25.50 (I)
	Selected Customer Control of Facilities – Monthly – Per facility group to which access is denied	8.75 (I)
	SMDR – Monthly – Per message	.001
	SMDR – Common equipment – Monthly – Per location	6.40 (I)
	SMDR – Line equipment – Monthly – Per tie line	26.50 (I)
	SMDR – Line equipment – Other common carrier access lines – Monthly	26.50 (I)
	SMDR – Line equipment – Foreign exchange line – Monthly	32.00 (I)
	Station Dial Code Screening – Monthly – Per main station line	.55 (I)
	Station Dial Code Screening – Arrangement I – Monthly – Per group of main station lines with same screening arrangement	295.00 (I)
	Station Dial Code Screening – Arrangement I – Monthly – Per NPA (excluding home NPA) with central office code screening	21.50 (I)

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**SECTION 20 – RATES (Cont'd)****5.3.3 Analog Centrex Services – Centrex Term Payment Plan (CTTP) (Cont'd)**

Service Category	Rate Element	Rate
	Station Dial Code Screening – Arrangement II – Monthly – Per group of main station lines with same screening arrangement and same access code	295.00
	Station Dial Code Screening – Arrangement II – Monthly – Per NPA with central office code screening	21.50
Electronic Central Office Other Features	Attendant Call thru Test on Toe Trunks – Monthly – Per system	8.50
	Attendant Camp On – Monthly – Per console	12.75
	Busy Verification by Attendant of Line – Monthly – Per system	5.90
	Busy Verification by Attendant of Trunks – Monthly – Per system	5.90
	Dial Through Attendant – Monthly – Per system	2.15
	Inside/Outside Ringing – Class B ringing tone – Monthly – Per main station line equipped	2.25
	Inside/Outside Ringing – Class C ringing tone – Monthly – Per preemptable SCAN access lines terminal	1.30
	Inside/Outside Ringing – Common equipment for either of both Class B and C ringing tone – Monthly – Per system	63.00
	Split Service Offering – Monthly – Per common block	16.00
Advanced Private Line Termination Units	Monthly – Each	118.00

**5.3.3.1 Digital Centrex Service**

Transfer of Service	NRC	96.99
Service Establishment	Initial Installation – One time charge – Per System	420.00
	Initial Installation – One time charge – Per Line	40.00
	Subsequent additions or changes – One Time Charge – Per Line	40.00
Central Office Common Equipment	Schedule A – Vintage I – Upfront payment – Per System	780.00
	Schedule A – Vintage II – Upfront payment – Per System	440.00
Main Station Lines	Central Office Facilities – Schedule A – Vintage I – Upfront payment – Per main station line, each line	330.00
	Central Office Facilities – Schedule A – Vintage II – Upfront payment – Per main station line, each line	295.00
	Central Office Facilities – Schedule B – Monthly – Per main station line, each line	2.07

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**SECTION 20 – RATES (Cont'd)****5.3.3.1 Digital Centrex Services (Cont'd)**

Service Category	Rate Element	Rate
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment – 0 to and including ½ airline mile – Per customer premises – Per main station line, each line	95.00
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment – Over ½ to and including 1 airline mile – Per customer premises – Per main station line, each line	340.00
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment – Over 1 to and including 1 ½ airline mile – Per customer premises – Per main station line, each line	530.00
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment – Over 1½ to and including 2 airline mile – Per customer premises – Per main station line, each line	695.00
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment – Over 2 to and including 2½ airline mile – Per customer premises – Per main station line, each line	940.00
	Outside Plant Facilities – Schedule A – Vintage I – Upfront payment – Over 2½ to and including 3 airline mile – Per customer premises – Per main station line, each line	1,520.00
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment – 0 to and including ½ airline mile – Per customer premises – Per main station line, each line	95.00
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment – Over ½ to and including 1 airline mile – Per customer premises – Per main station line, each line	270.00
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment – Over 1 to and including 1 ½ airline mile – Per customer premises – Per main station line, each line	395.00
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment – Over 1½ to and including 2 airline mile – Per customer premises – Per main station line, each line	495.00

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**SECTION 20 – RATES (Cont'd)****5.3.3.1 Digital Centrex Services (Cont'd)**

Service Category	Rate Element	Rate
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment – Over 2 to and including 2½ airline mile – Per customer premises – Per main station line, each line	665.00
	Outside Plant Facilities – Schedule A – Vintage II – Upfront payment – Over 2½ to and including 3 airline mile – Per customer premises – Per main station line, each line	995.00
	Outside Plant Facilities – Schedule B – 0 to and including ½ airline mile – Per customer premises – Per main station line, each line	.93
	Outside Plant Facilities – Schedule B – Over ½ to and including 1 airline miles – Monthly - Per customer premises – Per main station line, each line	2.11
	Outside Plant Facilities – Schedule B – Over 1 to and including 1½ airline mile – Monthly - Per customer premises – Per main station line, each line	3.26 (I)
	Outside Plant Facilities – Schedule B – Over 1½ to and including 2 airline mile – Monthly - Per customer premises – Per main station line, each line	4.44
	Outside Plant Facilities – Schedule B – Over 2 to and including 2½ airline mile – Monthly - Per customer premises – Per main station line, each line	5.60
	Outside Plant Facilities – Schedule B – Over 2½ to and including 3 airline mile – Monthly - Per customer premises – Per main station line, each line	8.87
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule A – Vintage I – Upfront payment charges – 0 to and including ½ airline mile – Per customer premise	178.50
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule A – Vintage I – Upfront payment charges – Over ½ to and including 1 airline mile – Per customer premises	281.40
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule A – Vintage I – Upfront payment charges – Over 1 to and including 1 ½ airline mile – Per customer premises	361.20
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule A 0 Vintage I – Upfront payment charges – Over 1½ to and including 2 airline miles – Per customer premises	430.50

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**SECTION 20 – RATES (Cont'd)****5.3.3.1 Digital Centrex Services (Cont'd)**

Service Category	Rate Element	Rate
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – included in Schedule A – Vintage I – Upfront payment charges – Over 2 to and including 2½ airline miles – Per customer premises	533.40
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule A – Vintage I – Upfront payment charges – Over 2½ to and including 3 airline miles – Per customer premises	777.00
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule A – Vintage II – Upfront payment charges – 0 to and including ½ airline mile 0- Per customer premises	163.80
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule A – Vintage II – Upfront payment charges – Over ½ to and including 1 airline mile – Per customer premises	237.30
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule A – Vintage I – Upfront payment charges – Over 1 to and including 1 ½ airline mile – Per customer premises	289.80
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule A 0 Vintage I – Upfront payment charges – Over 1½ to and including 2 airline miles – Per customer premises	331.80
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – included in Schedule A – Vintage I – Upfront payment charges – Over 2 to and including 2½ airline miles – Per customer premises	403.20
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule A – Vintage I – Upfront payment charges – Over 2½ to and including 3 airline miles – Per customer premises	541.80
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule B – 0 to and including ½ airline mile – Monthly - Per customer premise	1.18
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule B – Over ½ to and including 1 airline mile – Monthly - Per customer premises	1.64
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule B – Over 1 to and including 1 ½ airline mile – Monthly - Per customer premises	2.11

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**SECTION 20 – RATES (Cont'd)****5.3.3.1 Digital Centrex Services (Cont'd)**

Service Category	Rate Element	Rate
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule B - Over 1½ to and including 2 airline miles – Monthly - Per customer premises	2.57
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – included in Schedule B - Over 2 to and including 2½ airline miles – Monthly - Per customer premises	2.98
	Amount Attributable to Exchange Access by Central Office and OSP Facilities – Included in Schedule B - Over 2½ to and including 3 airline miles – Monthly - Per customer premises	4.27 (R)
Standard Features	Subsequent Additions or Changes – NRC – Per line	40.00
Conversion Charges	From Centrex I, Centrex II, Custom, or Analog Centrex I to Intelligent Path – NRC – Per system	20.00
	From Centrex I, Centrex II, Custom, or Analog Centrex I to Intelligent Path – NRC – Per main station line	6.00
Optional Features	ARS – NRC – Per system	500.00
	ARS – Route Selection Patterns – Additions or changes in NPA or central office codes only – NRC – Per pattern	50.00
	ARS – Route Selection Patterns – Additions, deletions or changes of routes in existing patterns including additions or changes in NPA or central office codes – NRC – Per pattern	225.00
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – NRC – Per pattern, per NPA, each	375.00
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to the DDD network – Additions of patterns – NRC – Per pattern, each	375.00
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to overflow tone – NRC – Per pattern, per NPA, each	375.00
	ARS – Route Selection Patterns – NPA and central office codes (6 digit screening) with final route to overflow tone – Additions of patterns – NRC – Per pattern, each	375.00
	ARS – Route Selection Patterns – NPA code only (3 digit screening) with final route to the DDD network – NRC – Per patterns, each	225.00

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**SECTION 20 – RATES (Cont'd)****5.3.3.1 Digital Centrex Services (Cont'd)**

Service Category	Rate Element	Rate
	ARS – Route Selection Patterns – NPA code only (3 digit screening) with final route to the DDD network – Additions of patterns – NRC – Per pattern	225.00
	ARS – Route Selection Patterns – NPA code only (3 digit screening) with final route to overflow tone – NRC – Per pattern, each	225.00
	ARS – Route Selection Patterns – NPA code only (3 digit screening) with final route to overflow tone – Additions of patterns – NRC – Per pattern	225.00
	Call Waiting Originating – NRC – Per system	50.00
	Call Waiting Originating – NRC – Per main station line equipped	3.00
	Call Waiting Originating – Monthly – Per main station line equipped	.15
	Inside/Outside – Ringing – NRC – Per system	50.00
	Inside/Outside – Ringing – NRC – Per main station line equipped	3.00
	Inside/Outside – Ringing – Monthly – Per main station line equipped	.20
	Loudspeaker Paging – NRC – Per arrangement	50.00
	Loudspeaker Paging – Monthly – Per arrangement	16.00
	Night Service – NRC – Per system	50.00
	Night Service – Monthly – Per system	3.75
	Speed Dialing – 2 digit – NRC – Per list	17.00
	Speed Dialing – 2 digit – Monthly – Per list	.20
	Uniform Call Distribution – NRC – Per group	85.00
	Uniform Call Distribution – NRC – Per main station line equipped	3.00
	Uniform Call Distribution – Monthly – Per main station line equipped	.15
	Station Message Detail Recording – S&E – Dial-up Access – Per Intelligent Path Centrex System equipped (2 - 200 lines)	300.00
	Station Message Detail Recording – Monthly – Dial-up Access – Per Intelligent Path Centrex System equipped (2 - 200 lines)	200.00
	Station Message Detail Recording – S&E – Internet Access – Per Intelligent Path Centrex System equipped (2 - 200 lines)	300.00
Exchange Usage	Unlimited Service Usage Charges – Monthly – Per equivalent PBX trunk	46.99

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**SECTION 20 – RATES (Cont'd)****5.3.3.1 Digital Centrex Services (Cont'd)**

Service Category	Rate Element	Rate
Extension	Centrex Channel Terminals – NRC – Per exchange, per channel furnished	130.94
	Centrex Channel Terminals – Monthly – Per exchange, per channel furnished	5.09
	Main Station Lines – Intraexchange interoffice channel – NRC – Each	163.92
	Main Station Lines – Intraexchange interoffice channel – NRC – Each	18.43
	Where extension of main station lines are located at a premises other than where the main station is located, but within same exchange and central office area, or where extensions are located in different building at the same premises and served by OSP connected via the central office – NRC – Per arrangement	40.00

**5.3.4 Digital Centrex II Service**

Service Category	Rate Element	Rate
Service Establishment	Initial Installation – One time charge – Per system	420.00
	Initial Installation – One time charge – Per line	40.00
	Subsequent Additions or Changes – One time charge – Per line	40.00
Central Office Common Equipment	Schedule A – Vintage I & II – 36 months – Upfront payment charge – Per system	400.00
	Schedule A – Vintage I & II – 60 months – Upfront payment charge – Per system	430.00
	Schedule A – Vintage I & II – 84 months – Upfront payment charge – Per system	440.00
	Schedule A – Vintage I & II – 120 months – Upfront payment charge – Per system	450.00
Main Station Lines	Central Office Facilities – Schedule A – Vintage I & II – 36 months – Upfront payment charge – per main station line	320.00
	Central Office Facilities – Schedule A – Vintage I & II – 60 months – Upfront payment charge – per main station line	340.00
	Central Office Facilities – Schedule A – Vintage I & II – 84 months – Upfront payment charge – per main station line	350.00
	Central Office Facilities – Schedule A – Vintage I & II – 120 months – Upfront payment charge – per main station line	360.00

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Central Office Facilities – Schedule B – Vintage I & II – Monthly – Per main station line	2.35 (I)
	Outside Plant Facilities – Schedule A – Vintage I – 36 months – Upfront payment charge – 0 to and including ½ airline mile – Per customer premises – Per main station line	65.00
	Outside Plant Facilities – Schedule A – Vintage I – 36 months – Upfront payment charge – Over ½ to and including 1 airline mile – Per customer premises – Per main station line	220.00
	Outside Plant Facilities – Schedule A – Vintage I – 36 months – Upfront payment charge – Over 1 to and including 1½ airline mile – Per customer premises – Per main station line	335.00
	Outside Plant Facilities – Schedule A – Vintage I – 36 months – Upfront payment charge – Over 1½ to and including 2 airline mile – Per customer premises – Per main station line	425.00
	Outside Plant Facilities – Schedule A – Vintage I – 36 months – Upfront payment charge – Over 2 to and including 2½ airline mile – Per customer premises – Per main station line	575.00
	Outside Plant Facilities – Schedule A – Vintage I – 36 months – Upfront payment charge – Over 2½ to and including 3 airline mile – Per customer premises – Per main station line	875.00
	Outside Plant Facilities – Schedule A – Vintage I – 60 months – Upfront payment charge – 0 to and including ½ airline mile – Per customer premises – Per main station line	85.00
	Outside Plant Facilities – Schedule A – Vintage I – 60 months – Upfront payment charge – Over ½ to and including 1 airline mile – Per customer premises – Per main station line	255.00
	Outside Plant Facilities – Schedule A – Vintage I – 60 months – Upfront payment charge – Over 1 to and including 1½ airline mile – Per customer premises – Per main station line	375.00
	Outside Plant Facilities – Schedule A – Vintage I – 60 months – Upfront payment charge – Over 1½ to and including 2 airline mile – Per customer premises – Per main station line	475.00

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**SECTION 20 – RATES (Cont'd)**

## 5.3.4 Digital Centrex II Service (Cont'd)

Service Category	Rate Element	Rate
	Outside Plant Facilities – Schedule A – Vintage I – 60 months – Upfront payment charge – Over 2 to and including 2½ airline mile – Per customer premises – Per main station line	640.00
	Outside Plant Facilities – Schedule A – Vintage I – 60 months – Upfront payment charge – Over 2½ to and including 3 airline mile – Per customer premises – Per main station line	960.00
	Outside Plant Facilities – Schedule A – Vintage I – 84 months – Upfront payment charge – 0 to and including ½ airline mile – Per customer premises – Per main station line	95.00
	Outside Plant Facilities – Schedule A – Vintage I – 84 months – Upfront payment charge – Over ½ to and including 1 airline mile – Per customer premises – Per main station line	270.00
	Outside Plant Facilities – Schedule A – Vintage I – 84 months – Upfront payment charge – Over 1 to and including 1½ airline mile – Per customer premises – Per main station line	395.00
	Outside Plant Facilities – Schedule A – Vintage I – 84 months – Upfront payment charge – Over 1½ to and including 2 airline mile – Per customer premises – Per main station line	495.00
	Outside Plant Facilities – Schedule A – Vintage I – 84 months – Upfront payment charge – Over 2 to and including 2½ airline mile – Per customer premises – Per main station line	665.00
	Outside Plant Facilities – Schedule A – Vintage I – 84 months – Upfront payment charge – Over 2½ to and including 3 airline mile – Per customer premises – Per main station line	995.00
	Outside Plant Facilities – Schedule A – Vintage I – 120 months – Upfront payment charge – 0 to and including ½ airline mile – Per customer premises – Per main station line	100.00
	Outside Plant Facilities – Schedule A – Vintage I – 120 months – Upfront payment charge – Over ½ to and including 1 airline mile – Per customer premises – Per main station line	280.00
	Outside Plant Facilities – Schedule A – Vintage I – 120 months – Upfront payment charge – Over 1 to and including 1½ airline mile – Per customer premises – Per main station line	405.00

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Outside Plant Facilities – Schedule A – Vintage I – 120 months – Upfront payment charge – Over 1½ to and including 2 airline mile – Per customer premises – Per main station line	505.00
	Outside Plant Facilities – Schedule A – Vintage I – 120 months – Upfront payment charge – Over 2 to and including 2½ airline mile – Per customer premises – Per main station line	680.00
	Outside Plant Facilities – Schedule A – Vintage I – 120 months – Upfront payment charge – Over 2½ to and including 3 airline mile – Per customer premises – Per main station line	1,015.00
	Outside Plant Facilities – Schedule A – Vintage II – 36 months – Upfront payment charge – 0 to and including ½ airline mile – Per customer premises – Per main station line	65.00
	Outside Plant Facilities – Schedule A – Vintage II – 36 months – Upfront payment charge – Over ½ to and including 1 airline mile – Per customer premises – Per main station line	140.00
	Outside Plant Facilities – Schedule A – Vintage II – 36 months – Upfront payment charge – Over 1 to and including 1½ airline mile – Per customer premises – Per main station line	220.00
	Outside Plant Facilities – Schedule A – Vintage II – 36 months – Upfront payment charge – Over 1½ to and including 2 airline mile – Per customer premises – Per main station line	220.00
	Outside Plant Facilities – Schedule A – Vintage II – 36 months – Upfront payment charge – Over 2 to and including 2½ airline mile – Per customer premises – Per main station line	220.00
	Outside Plant Facilities – Schedule A – Vintage II – 36 months – Upfront payment charge – Over 2½ to and including 3 airline mile – Per customer premises – Per main station line	220.00
	Outside Plant Facilities – Schedule A – Vintage II – 60 months – Upfront payment charge – 0 to and including ½ airline mile – Per customer premises – Per main station line	85.00

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Outside Plant Facilities – Schedule A – Vintage II – 60 months – Upfront payment charge – Over ½ to and including 1 airline mile – Per customer premises – Per main station line	150.00
	Outside Plant Facilities – Schedule A – Vintage II – 60 months – Upfront payment charge – Over 1 to and including 1½ airline mile – Per customer premises – Per main station line	255.00
	Outside Plant Facilities – Schedule A – Vintage II – 60 months – Upfront payment charge – Over 1½ to and including 2 airline mile – Per customer premises – Per main station line	255.00
	Outside Plant Facilities – Schedule A – Vintage II – 60 months – Upfront payment charge – Over 2 to and including 2½ airline mile – Per customer premises – Per main station line	255.00
	Outside Plant Facilities – Schedule A – Vintage II – 60 months – Upfront payment charge – Over 2½ to and including 3 airline mile – Per customer premises – Per main station line	255.00
	Outside Plant Facilities – Schedule A – Vintage II – 84 months – Upfront payment charge – 0 to and including ½ airline mile – Per customer premises – Per main station line	95.00
	Outside Plant Facilities – Schedule A – Vintage II – 84 months – Upfront payment charge – Over ½ to and including 1 airline mile – Per customer premises – Per main station line	160.00
	Outside Plant Facilities – Schedule A – Vintage II – 84 months – Upfront payment charge – Over 1 to and including 1½ airline mile – Per customer premises – Per main station line	270.00
	Outside Plant Facilities – Schedule A – Vintage II – 84 months – Upfront payment charge – Over 1½ to and including 2 airline mile – Per customer premises – Per main station line	270.00
	Outside Plant Facilities – Schedule A – Vintage II – 84 months – Upfront payment charge – Over 2 to and including 2½ airline mile – Per customer premises – Per main station line	270.00
	Outside Plant Facilities – Schedule A – Vintage II – 84 months – Upfront payment charge – Over 2½ to and including 3 airline mile – Per customer premises – Per main station line	270.00

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Outside Plant Facilities – Schedule A – Vintage II – 120 months – Upfront payment charge – 0 to and including ½ airline mile – Per customer premises – Per main station line	100.00
	Outside Plant Facilities – Schedule A – Vintage II – 120 months – Upfront payment charge – Over ½ to and including 1 airline mile – Per customer premises – Per main station line	190.00
	Outside Plant Facilities – Schedule A – Vintage II – 120 months – Upfront payment charge – Over 1 to and including 1½ airline mile – Per customer premises – Per main station line	280.00
	Outside Plant Facilities – Schedule A – Vintage II – 120 months – Upfront payment charge – Over 1½ to and including 2 airline mile – Per customer premises – Per main station line	280.00
	Outside Plant Facilities – Schedule A – Vintage II – 120 months – Upfront payment charge – Over 2 to and including 2½ airline mile – Per customer premises – Per main station line	280.00
	Outside Plant Facilities – Schedule A – Vintage II – 120 months – Upfront payment charge – Over 2½ to and including 3 airline mile – Per customer premises – Per main station line	280.00
	Outside Plant Facilities – Schedule B – Vintage I - 0 to and including ½ airline miles - Monthly – Per customer premises – Per main station line	.93 (I)
	Outside Plant Facilities – Schedule B – Vintage I - Over ½ to and including 1 airline miles - Monthly – Per customer premises – Per main station line	2.11 (I)
	Outside Plant Facilities – Schedule B – Vintage I - Over 1 to and including 1½ airline miles – Monthly - Per customer premises – Per main station line	3.26 (I)
	Outside Plant Facilities – Schedule B – Vintage I – Over 1½ to and including 2 airline mile – Monthly - Per customer premises – Per main station line	4.44 (I)
	Outside Plant Facilities – Schedule B – Vintage I - Over 2 to and including 2½ airline mile – Monthly - Per customer premises – Per main station line	5.60 (I)
	Outside Plant Facilities – Schedule B – Vintage I - Over 2½ to and including 3 airline mile – Monthly - Per customer premises – Per main station line	8.87 (I)

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Outside Plant Facilities – Schedule B – Vintage II - 0 to and including ½ airline mile – Monthly - Per customer premises – Per main station line	.92 (I)
	Outside Plant Facilities – Schedule B – Vintage II - Over ½ to and including 1 airline mile – Monthly - Per customer premises – Per main station line	2.13 (I)
	Outside Plant Facilities – Schedule B – Vintage II - Over 1 to and including 1½ airline mile – Monthly - Per customer premises – Per main station line	2.13 (I)
	Outside Plant Facilities – Schedule B – Vintage II - Over 1½ to and including 2 airline mile – Monthly - Per customer premises – Per main station line	2.13 (I)
	Outside Plant Facilities – Schedule B – Vintage II - Over 2 to and including 2½ airline mile – Monthly - Per customer premises – Per main station line	2.13 (I)
	Outside Plant Facilities – Schedule B – Vintage II - Over 2½ to and including 3 airline mile – Monthly - Per customer premises – Per main station line	2.13 (I)
	Amounts Attributable to Exchange Access – Vintage I – 36 months – 0 to and including ½ airline miles – Per customer premises	161.70
	Amounts Attributable to Exchange Access – Vintage I – 36 months – Over 1 to and including 1 ½ miles – Per customer premises	226.80
	Amounts Attributable to Exchange Access – Vintage I – 36 months – Over 1 to and including 1 ½ airline miles – Per customer premises	275.10
	Amounts Attributable to Exchange Access Vintage I – 36 months – Over 1 ½ to and including 2 airline miles – Per customer premises	312.90
	Amounts Attributable to Exchange Access – Vintage I – 36 months – Over 2 to and including 2 ½ airline miles – Per customer premises	375.90
	Amounts Attributable to Exchange Access – Vintage I – 36 months – Over 2 ½ to and including 3 airline miles – Per customer premises	501.90
	Amounts Attributable to Exchange Access – Vintage I – 60 months – 0 to and including ½ airline miles – per customer premises	178.50
	Amounts Attributable to Exchange Access – Vintage I – 60 months – Over ½ to and including 1 airline mile – Per customer premises	249.90

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Amounts Attributable to Exchange Access – Vintage I – 60 months – Over 1 to and including 1 ½ airline miles – Per customer premises	300.30
	Amounts Attributable to Exchange Access – Vintage I – 60 months – Over 1 ½ to and including 2 airline miles – Per customer premises	342.30
	Amounts Attributable to Exchange Access – Vintage I – 60 months – Over 2 to and including 2 ½ airline miles – Per customer premises	411.60
	Amounts Attributable to Exchange Access – Vintage – 60 months – Over 2 ½ to and including 3 airline miles – Per customer premises	546.00
	Amounts Attributable to Exchange Access – Vintage I – 84 months – 0 to and including ½ airline miles – Per customer premises	186.90
	Amounts Attributable to Exchange Access – Vintage I – 84 months – Over ½ to and including 1 airline mile – Per customer premises	260.40
	Amounts Attributable to Exchange Access – Vintage I – 84 months – Over 1 to and including 1 ½ airline miles – Per customer premises	312.90
	Amounts Attributable to Exchange Access – Vintage I – 84 months – Over 1 ½ to and including 2 airline miles – Per customer premises	354.90
	Amounts Attributable to Exchange Access – Vintage I – 84 months – Over 2 to and including 2 ½ airline miles – Per customer premises	426.30
	Amounts Attributable to Exchange Access – Vintage I – 84 months – Over 2 ½ to and including 3 airline miles – Per customer premises	564.90

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Amounts Attributable to Exchange Access – Vintage I – 120 months – 0 to and including ½ airline miles – Per customer premise	193.20
	Amounts Attributable to Exchange Access – Vintage I – 120 months – Over ½ to and including 1 airline mile – Per customer premises	268.80
	Amounts Attributable to Exchange Access – Vintage I – 120 months – Over 1 to and including 1 ½ airline miles – Per customer premises	321.30
	Amounts Attributable to Exchange Access – Vintage I – 120 months – Over 1 ½ to and including 2 airline miles – Per customer premises	363.30
	Amounts Attributable to Exchange Access – Vintage I – 120 months – Over 2 to and including 2 ½ airline miles – Per customer premises	436.80
	Amounts Attributable to Exchange Access – Vintage – 120 months – Over 2 ½ to and including 3 airline miles – Per customer premises	577.50
	Amounts Attributable to Exchange Access – Vintage II – 36 months – 0 to and including ½ airline miles – Per customer premises	161.70
	Amounts Attributable to Exchange Access – Vintage II – 36 months – Over 1 to and including 1 ½ miles – Per customer premises	193.20
	Amounts Attributable to Exchange Access – Vintage II – 36 months – Over 1 to and including 1 ½ airline miles – Per customer premises	226.80
	Amounts Attributable to Exchange Access Vintage II – 36 months – Over 1 ½ to and including 2 airline miles – Per customer premises	226.80
	Amounts Attributable to Exchange Access – Vintage II – 36 months – Over 2 to and including 2 ½ airline miles – Per customer premises	226.80
	Amounts Attributable to Exchange Access – Vintage II – 36 months – Over 2 ½ to and including 3 airline miles – Per customer premises	226.80
	Amounts Attributable to Exchange Access – Vintage II – 60 months – 0 to and including ½ airline miles – Per customer premises	178.50

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Amounts Attributable to Exchange Access – Vintage II – 60 months – Over 1 to and including 1 ½ miles – Per customer premises	205.80
	Amounts Attributable to Exchange Access – Vintage II – 60 months – Over 1 to and including 1 ½ airline miles – Per customer premises	249.90
	Amounts Attributable to Exchange Access Vintage II – 60 months – Over 1 ½ to and including 2 airline miles – Per customer premises	249.90
	Amounts Attributable to Exchange Access – Vintage II – 60 months – Over 2 to and including 2 ½ airline miles – Per customer premises	249.90
	Amounts Attributable to Exchange Access – Vintage II – 60 months – Over 2 ½ to and including 3 airline miles – Per customer premises	249.90
	Amounts Attributable to Exchange Access – Vintage II – 84 months – 0 to and including ½ airline miles – Per customer premises	186.90
	Amounts Attributable to Exchange Access – Vintage II – 84 months – Over 1 to and including 1 ½ miles – Per customer premises	214.20
	Amounts Attributable to Exchange Access – Vintage II – 84 months – Over 1 to and including 1 ½ airline miles – Per customer premises	260.40
	Amounts Attributable to Exchange Access Vintage II – 84 months – Over 1 ½ to and including 2 airline miles – Per customer premises	260.40
	Amounts Attributable to Exchange Access – Vintage II – 84 months – Over 2 to and including 2 ½ airline miles – Per customer premises	260.40
	Amounts Attributable to Exchange Access – Vintage II – 84 months – Over 2 ½ to and including 3 airline miles – Per customer premises	260.40
	Amounts Attributable to Exchange Access – Vintage II – 120 months – 0 to and including ½ airline miles – Per customer premises	193.20
	Amounts Attributable to Exchange Access – Vintage II – 120 months – Over 1 to and including 1 ½ miles – Per customer premises	231.00
	Amounts Attributable to Exchange Access – Vintage II – 120 months – Over 1 to and including 1 ½ airline miles – Per customer premises	268.80

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Amounts Attributable to Exchange Access Vintage II – 120 months – Over 1 ½ to and including 2 airline miles – Per customer premises	268.80
	Amounts Attributable to Exchange Access – Vintage II – 120 months – Over 2 to and including 2 ½ airline miles – Per customer premises	268.80
	Amounts Attributable to Exchange Access – Vintage II – 120 months – Over 2 ½ to and including 3 airline miles – Per customer premises	268.80
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage I – 0 to and including ½ airline miles – Per customer premises	1.29
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage I – Over ½ to and including 1 airline mile – Per customer premises	1.75
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage I – Over 1 to and including 1½ airline miles – Per customer premises	2.21
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage I – Over 1½ to and including 2 airline miles – Per customer premises	2.67
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage I – Over 2 to and including 2½ airline miles – Per customer premises	3.08
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage I – Over 2 ½ to and including 3 airline miles – Per customer premises	4.42
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage II – 0 to and including ½ airline miles – Per customer premises	1.29
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage II – Over ½ to and including 1 airline mile – Per customer premises	1.77
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage II – Over 1 to and including 1½ airline miles – Per customer premises	1.77
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage II – Over 1½ to and including 2 airline miles – Per customer premises	1.77
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage II – Over 2 to and including 2½ airline miles – Per customer premises	1.77

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Service Category	Rate Element	Rate
	Amounts Attributable to Exchange Access – Included in Schedule B – Monthly – Vintage II – Over 2 ½ to and including 3 airline miles – Per customer premises	1.77
Standard Features	Subsequent Additions or Changes – NRC – Per Line	40.00
Optional Features	Access to Code Calling – NRC – Per channel termination	50.00
	Access to Code Calling – NRC – Per change termination	15.50
	Access to ETS Trunks – NRC – Per trunk	50.00
	Access to ETS Trunks – Monthly – Per trunk	9.50 (I)
	Attendant Call Transfer – NRC – Per attendant line equipped	50.00
	Attendant Call Transfer – Monthly – Per attendant line equipped	1.00 (I)
	Attendant Camp On – NRC – Per attendant line equipped	50.00
	Attendant Camp On – Monthly – Per attendant line equipped	3.50 (I)
	Attendant Conference – NRC – Per arrangement	50.00
	Attendant Conference – Monthly – Per arrangement	20.00 (I)
	ARS – NRC – Per system	500.00
	ARS Deluxe – NRC – Per ARS system	725.00
	ARS Deluxe – Monthly – Per line equipped	1.00 (I)
	ARS and ARS Deluxe – Route Selection Patterns – NPA code only – NRC – Per pattern	225.00
	ARS and ARS Deluxe – Route Selection Patterns – NPA and central office codes – NRC – Per pattern, per NPA	375.00
	ARS and ARS Deluxe – Route Selection Patterns – Additions or changes in ARS routes – NRC – Per pattern	225.00
	ARS and ARS Deluxe – Route Selection Patterns – Additions or changes of NPA or central office codes within patterns – NRC – Each	50.00
	ARS and ARS Deluxe – Route Selection Patterns – Time of Day Control – NRC – Per ARS Deluxe system equipped	50.00
	ARS and ARS Deluxe – Route Selection Patterns – Time of Day Control – Monthly – Per ARS Deluxe system equipped	1.00 (I)
	ARS and ARS Deluxe – Route Selection Patterns – Expensive Route Warning – NRC – Per ARS – D system equipped	50.00

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	ARS and ARS Deluxe – Route Selection Patterns – Expensive Route Warning – Monthly – Per line equipped	.15 (I)
	Call Park – NRC – Per system	50.00
	Call Pak – NRC – Per line	3.00
	Call Park – Monthly – Per line	.50 (I)
	Dial Call Waiting Originating – NRC – Per system	50.00
	Dial Call Waiting Originating – NRC – Per line equipped	3.00
	Dial Call Waiting Originating – Monthly – Per line equipped	.50 (I)
	Dial Through Attendant – NRC – Per attendant line equipped	50.00
	Dial Through Attendant – Monthly – Per attendant line equipped	1.50 (I)
	Enhanced Private Switched Communications Service Access – NRC – Per access line arranged	50.00
	Enhanced Private Switched Communications Service Access – Monthly – per access line arranged	11.00 (I)
	Loudspeaker Paging Access – NRC – Per channel termination	50.00
	Loudspeaker Paging Access – Monthly – Per channel termination	16.00 (I)
	Multiple Position Hunt – NRC – Per attendant line group	50.00
	Multiple Position Hunt – Monthly – Per attendant line group	.75 (I)
	Night Service – NRC – Per system	50.00
	Night Service – Monthly – Per line equipped	3.75 (I)
	Radio Paging Access – NRC – Per channel termination	50.00
	Radio Paging Access – Monthly – Per channel termination	11.75 (I)
	Selective Control of Facilities – NRC – Per attendant line group	50.00
	Selective Control of Facilities – Monthly – per attendant line group	9.25 (I)
	SMDR – NRC – Per facility arranged – Vintage 1	50.00
	SMDR – Monthly – Per facility arranged – Vintage 1	.75 (I)
	SMDR – Per message charge – Vintage 1	.001

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Station Message Detail Recording – S&E – Dial-up Access – Per System equipped (2 – 200 lines) – Vintage 2	300.00
	Station Message Detail Recording – Monthly – Dial-up Access – Per System equipped (2 – 200 lines) – Vintage 2	200.0 (I)
	Station Message Detail Recording – S&E – Internet Access – Per System equipped (2 – 200 lines) – Vintage 2	300.00
	Station Message Detail Recording – Monthly – Internet Access – Per System equipped (2 – 200 lines) – Vintage 2	200.00 (I)
	Tandem Tie Line Dialing – NRC – Per tie line arranged	50.00
	Tandem Tie Line Dialing – Monthly – Per tie line arranged	9.50 (I)
	Trunk Group Busy Indication – NRC – Per trunk group	50.00
	Trunk Group Busy Indication – Monthly – Per trunk group	3.00 (I)
	Uniform Call Distribution – NRC – Per group	85.00
	Uniform Call Distribution – NRC – Per line equipped	3.00
	Uniform Call Distribution – Monthly – Per line equipped	.55 (I)
	Uniform Call Distribution – Delay announcement – NRC – Per arrangement	50.00
	Uniform Call Distribution – Delay announcement – Monthly – Per arrangement	12.50 (I)
	WATS Administration Data – NRC – Per WATS simulated facilities group	50.00
	WATS Administration Data – Monthly – Per WATS simulated facilities group	1.00 (I)
Exchange Usage	Unlimited Service Usage Charges – Monthly – Per equivalent PBX trunk	46.99 (I)
Extension	Centrex Channel Terminals – NRC – Per exchange, per channel furnished	130.94
	Centrex Channel Terminals – Monthly – Per exchange, per channel furnished	5.09 (I)
	Main Station Lines – Intraexchange interoffice channel – NRC – Each	163.92
	Main Station Lines – Intraexchange interoffice channel – Monthly - Each	18.43 (I)

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**SECTION 20 – RATES (Cont'd)****5.3.4 Digital Centrex II Service (Cont'd)**

Service Category	Rate Element	Rate
	Where extension of main station lines are located at a premises other than where the main station line is located, but within same exchange and central office area, or where extensions are located in different building at the same premises and served by OPS connected via the central office – NRC – Per arrangement	40.00
Transfer of Service	Payment Plan – NRC	96.99

**5.3.5 Digital Centrex Plus Service**

Service Category	Rate Element	Rate
Service Establishment	Initial Installation - One Time Charges – Per line	50.00
	Subsequent additions or charges - One Time Charges – Per line	75.00
Lines	Initial or Growth – Month-to-Month – Monthly – Each line	27.00 (I)
	Initial or Growth – 12 Months – Monthly – Each line	22.95
	Initial or Growth – 36 Months – Monthly – Each line	18.95
	Initial or Growth – 60 Months – Monthly – Each line	16.95
	Initial or Growth – 84 Months – Monthly – Each line	15.95
	Initial or Growth – 120 Months – Monthly – Each line	14.95
	Initial or Growth – Amount attributable to exchange access – Month-to-Month – Monthly – Each line	25.00
	Initial or Growth – Amount attributable to exchange access – 12 months – Monthly – Each line	7.20
	Initial or Growth – Amount attributable to exchange access – 36 months – Monthly – Each line	6.00
	Initial or Growth – Amount attributable to exchange access – 60 months – Monthly – Each line	5.20
	Initial or Growth – Amount attributable to exchange access – 84 months – Monthly – Each line	5.00
	Initial or Growth – Amount attributable to exchange access – 120 months – Monthly – Each line	4.90
Standard Features	Subsequent Additions or Changes – NRC – Per line	15.00
Optional Features	Automatic Callback – NRC – Per line	15.00
	Call Waiting Terminating – NRC – Per line	15.00
	Directed Call Pickup with Barge In – NRC – Per line	15.00
	Directed Call Pickup without Barge In – NRC – Per line	15.00
	Inside/Outside Ringing – NRC – Per line	20.00
	Speed Dialing – Single Digit – NRC – Per line	15.00

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**SECTION 20 – RATES (Cont'd)****5.3.5 Digital Centrex Plus Service (Cont'd)**

Service Category	Rate Element	Rate
	Speed Dialing – 2 Digit – NRC – Per line	15.00
	Trunk Answer Any Line – NRC – Per line	15.00
	Station Message Detail Recording – S&E – Dial-up Access – Per Centrex Plus System equipped (2 – 200 lines)	300.00
	Station Message Detail Recording – Monthly – Dial-up Access – Per Centrex Plus System equipped (2 – 200 lines)	200.00
	Station Message Detail Recording – S&E – Internet Access – Per Centrex Plus System equipped (2 – 200 lines)	300.00
	Station Message Detail Recording – Monthly – Internet Access – Per Centrex Plus System equipped (2 – 200 lines)	200.00
Exchange Usage	Unlimited Service Usage Charges – Monthly – Per equivalent PBX trunk	46.99 (I)
Transfer of Service	Payment Plan – NRC	100.00
CallMAX Basic Service	Service and Equipment charge – NRC – Per line	7.50
	Service and Equipment charge – Monthly – Per line	2.75
CallMAX Optional Features	Service and Equipment charge – Locator service – NRC – Per line	7.50
	Locator service – Monthly – Per line	.75
	Service and Equipment charge – Cellular service – NRC – Per line	7.50
	Cellular service – Monthly – Per line	.50
CallMAX Feature Package Discount	Service and Equipment charge – NRC – Per line	7.50
	Service and Equipment charge – Monthly – Per lie	3.50

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