

Price Guide Applicable to
LOCAL EXCHANGE SERVICES
Telecommunications Services Furnished by
METROPOLITAN TELECOMMUNICATIONS OF MARYLAND LLC
Between Points Within the State of Maryland

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PRICE GUIDE 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 Price Guide. When a new page is added between pages already in effect, a decimal is added. For example, a new page added between Page 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. For example, the 4th revised Page 14 cancels the 3rd revised Page 14.
- C. **Paragraph Numbering Sequence** - There are various levels of paragraph coding. Each level of coding is subservient to its next higher level:
- 2
 - 2.1
 - 2.1.1
 - 2.1.1.1
- D. **Check Sheets** - The Check Sheet lists the pages contained in the Price Guide, with a cross-reference to the current revision number. When new pages are added, the Check Sheet is changed to reflect the revision. An asterisk designates all revisions made in a given filing (*). 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 Price Guide user should refer to the latest Check Sheet to find out if a particular page is the most current. (C)

CHECK SHEET

Sheets 1 through 160 inclusive of this Price Guide are effective as of the date shown at the bottom of the respective sheet(s). Original and revised sheets as named below comprise all changes from the original Price Guide and are currently in effect as of the date on the bottom of this sheet.

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26	Original	54	Original	85	Original
27	Original	55	Original	86	1 st Revised
28	3 rd Revised	56	Original	87	Original
29	Original	57	Original	88	Original
30	2 nd Revised	58	Original	89	Original
31	2 nd Revised	59	Original	90	1 st Revised

*Revisions included with current filing

CHECK SHEET

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1 GENERAL

1.1 Explanation of Symbols

- (C) – To signify a changed regulation
- (D) – To signify a discontinued rate or regulation
- (I) – To signify an increase in a rate
- (M) – To signify text or rates relocated without change
- (N) – To signify a new rate or regulation or other text
- (R) – To signify a reduction in a rate
- (S) – To signify reissued regulations
- (T) – To signify a change in text but no change in rate
- (Z) – To signify a correction

1.2 Application of the Price Guide

1.2.1 This Price Guide governs the Carrier's services that originate and terminate in Maryland. Specific services and rates are described elsewhere in this Price Guide.

1.2.2 The Company's services are available to Business customers. (C)

1.2.3 The Company's service territory is consistent with that served by Verizon.

1.3 Definitions

- 1.3.1 “Carrier,” “Company” or “Utility” refers to Metropolitan Telecommunications of Maryland LLC
- 1.3.2 “Commission” means the Maryland Public Service Commission.
- 1.3.3 “Completed call” is a call which the Company’s network has determined has been answered by a person, answering machine, fax machine, computer modem device, or other answering device.
- 1.3.4 “Customer” means any person, firm, corporation, or governmental entity who has applied for and is granted service or who is responsible for payment of service.
- 1.3.5
- 1.3.6 “Service” means any telecommunications service(s) provided by the Carrier under this Price Guide.
- 1.3.7 “Station” means a telephone instrument consisting of a connected transmitter, receiver, and associated apparatus to permit sending or receiving telephone messages.
- 1.3.8 “Time period” means the interval of hours that distinguish day, evening, night, and weekend rate periods as indicated below:

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(D)

Rate Periods	From	To, but not Including	Days
Weekdays	9:00 a.m.	9:00 p.m.	Monday-Friday
Evenings	9:00 p.m.	9:00 a.m.	Monday-Friday
	9:00 p.m.	9:00 a.m.	Sunday
Night/Weekends	9:00 p.m.	9:00 a.m.	Monday-Sunday
	9:00 p.m.	9:00 a.m.	Saturday-Sunday
	9:00 p.m.	9:00 a.m.	Saturday

For the purposes of this Price Guide recognized holidays are New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

2 RULES AND REGULATIONS

2.1 Undertaking of the Company

This Price Guide contains the rules, regulations and rates applicable to intrastate telecommunications services provided by the Company for telecommunications within the State of Maryland. Services are furnished subject to the availability of facilities and subject to the terms and conditions of this Price Guide in compliance with limitations set forth in the Commission's rules. In-state toll services provided by the Company are provided on a statewide basis and are not intended to be limited geographically. The Company offers service to all those who desire to purchase service from the Company consistent with all of the provisions of this Price Guide. Customers interested in the Company's services shall provide sufficient information to the Company to fully identify the Customer and the services requested.

2.2 Obligations of the Customer

2.2.1 The customer shall be responsible for:

- 2.2.1.1 The payment of all applicable charges pursuant to this Price Guide;
- 2.2.1.2 Reimbursing the Company for damage to, or loss of, the Company's facilities or equipment caused by the acts or omissions of the customer; or the noncompliance by the customer, with these regulations, or by fire or theft or other casualty on the customer's premises unless caused by the negligence or willful misconduct of the employees or agents of the Company.
- 2.2.1.3 Providing at no charge, as specified from time to time by the Company, any needed space and power to operate the Company's facilities and equipment installed on the customer's premises.
- 2.2.1.4 Complying with all laws and regulations regarding the working conditions on the premises at which the Company's employees and agents shall be installing or maintaining the Company's facilities and equipment. The customer may be required to install and maintain the Company's facilities and equipment within a hazardous area if, in the Company's opinion, injury or damage to the Company's employees or

2 RULES AND REGULATIONS (cont'd)

2.2 Obligations of the Customer (cont'd)

2.2.1.4 (cont'd)

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 prior to any construction or installation work.

2.2.1.5 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 the Company's facilities and equipment in any customer premises for the purpose of installing, inspecting, maintaining, repairing, or upon termination of service as stated herein, removing the facilities or equipment of the Company.

2.2.1.6 Making Company facilities and equipment available periodically for maintenance purposes at a time agreeable to both the Company and the customer. No allowance for interruptions in service will be made for the period during which service is interrupted for such purposes.

2.2.2 With respect to any service or facility provided by the Company, the customer shall indemnify, defend and hold harmless the Company from all claims, actions, damages, liabilities, costs and expenses for:

2.2.2.1 Any loss, destruction or damage to property of the Company or any third party, or injury to persons, including, but not limited to, employees or invitees of either the Company or the customer, to the extent caused by or resulting from the negligent or intentional act or omission of the customer, its employees, agents, representatives or invitees; or

2.2.2.2 Any claim, loss, damage, expense or liability for infringement of any copyright, patent, trade secret, or any proprietary infringement of any copyright, patent, trade secret, or any proprietary or intellectual property right of any third party, arising from any act or omission by the customer.

2 RULES AND REGULATIONS (cont'd)

2.2 Obligations of the Customer (cont'd)

- 2.2.3 The customer is responsible for ensuring that customer-provided equipment connected to Company equipment and facilities is compatible with such equipment and facilities. The connection, operation, testing, or maintenance of such equipment shall be such as not to cause damage to the Company-provided equipment and facilities or injury to the Company's employees or other persons. Any additional protective equipment required to prevent such damage or injury shall be provided by the Company at the customer's expense.
- 2.2.4 The Company's services (as detailed in this Price Guide) may be connected to the services or facilities or other communications carriers only when authorized by, and in accordance with, the terms and conditions of the Price Guide or contracts which are applicable to such connections.
- 2.2.5 Upon reasonable 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 this Price Guide for the installation, operation, and maintenance of customer-provided facilities and equipment that is connected to Company-owned facilities and equipment.

2.3 Liability of the Company

- 2.3.1 In view of the fact that the customer has exclusive control over the use of service and facilities furnished by the Company, and because certain errors incident to the services and to the use of such facilities of the Company are unavoidable, services and facilities are furnished by the Company subject to the terms, conditions and limitations herein specified:
- 2.3.2 Service Irregularities
- 2.3.2.1 The liability of the Company for damages arising out of mistakes, omissions, interruptions, delays, errors or defects in transmission, or failures or defects in facilities furnished by the Company, occurring in the course of furnishing service or

2 RULES AND REGULATIONS (cont'd)

2.3 Liability of the Company (cont'd)

2.3.2.1 (cont'd)

other facilities and not caused by the negligence of the customer, shall in no event exceed an amount equivalent to the proportionate charge to the customer for the service or facilities affected during the period such mistake, omission, interruption, delay, error or defect in transmission, or failure or defect in facilities continues after notice and demand to Company.

2.3.2.2 The Company shall not be liable for any act or omission of any connecting carrier, underlying carrier or local exchange Company except where Company contracts the other carrier; for acts or omission of any other providers of connections, facilities, or service; or for culpable conduct of the customer or failure of equipment, facilities or connection provided by the customer.

2.3.3 Claims of Misuse of Service

2.3.3.1 The Company shall be indemnified and saved harmless by the customer against claims for libel, slander, fraudulent or misleading advertisements or infringement of copyright arising directly or indirectly from material transmitted over its facilities or the use thereof; against claims for infringement of patents arising from combining or using apparatus and systems of the customer with facilities of the Company; and against all other claims arising out of any act or omission of the customer in connection with the services and facilities provided by the Company.

2.3.3.2 The Company does not require indemnification from the customer where the action for which it is seeking indemnification is based on a claim of negligence by the Company.

2 RULES AND REGULATIONS (cont'd)

2.3.4 Defacement of Premises

2.3.4.1 The Company is not liable for any defacement of, or damage to, the customer's premises resulting from the furnishing of service or the attachment of equipment and facilities furnished by the Company on such premises or by the installation or removal thereof, when such defacement or damage is not the result of negligence of the Company. For the purpose of this paragraph, no agents or employees of the other participating carriers shall be deemed to be agents or employees of the Company except where contracted by the Company.

2.3.5 Facilities and Equipment in Explosive Atmosphere, Hazardous or Inaccessible Locations

2.3.5.1 The Company does not guarantee nor make any warranty with respect to installations provided by it for use in an explosive atmosphere. Company shall be indemnified, defended and held harmless by the customer from and against any and all claims, loss, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or by any other party, for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, including environmental contamination, whether owned by the customer or by any other party, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, presence, condition, location, use or removal of any equipment or facilities or the service and not due to the gross negligence or willful misconduct of the Company.

2.3.6 Service at Outdoor Locations

2.3.6.1 The Company reserves the right to refuse to provide, maintain or restore service at outdoor locations unless the customer agrees in writing to indemnify and save the Company harmless from and against any and all loss or damage that may result to equipment and facilities furnished by the Company at such locations. The customer shall likewise

2 RULES AND REGULATIONS (cont'd)

2.3.6 Service at Outdoor Locations (cont'd)

2.3.2.1 (cont'd)

indemnify and save the Company harmless from and against injury to or death of any person which may result from the location and use of such equipment and facilities.

2.3.7 Warranties

2.3.7.1 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.

2.3.7.2 Acceptance of the provisions of Section 2.3 does not constitute its determination that any disclaimer of warranties or representations imposed by the Company should be upheld in a court of law. (C)

2.3.8 Limitation of Liability

2.3.8.1 Nothing in this Price Guide shall be construed to limit the Company's liability in cases of gross negligence or willful misconduct.

2.4 Application for Service

2.4.1 Minimum Contract Period

2.4.1.1 Except as otherwise provided, the minimum contract period is one month for all services furnished. However, if a new business customer notifies the Company within twenty days after receipt of the first bill that certain services or equipment are not desired, the Company will delete such services or equipment from the customer's account without a record keeping or service ordering charge. The customer nonetheless shall be responsible for all monthly (C)

2 RULES AND REGULATIONS (cont'd)

2.4.1 Minimum Contract Period (cont'd)

2.4.1.1 (cont'd)

usage and installation charges incurred for the use of such service and equipment.

2.4.1.2 Except as provided in 2.4.2.1, the length of minimum contract period for directory listings, and for joint user service where the listing actually appears in the directory, is the directory period. The directory period is from the day on which the directory is first distributed to customers to the day the succeeding directory is first distributed to customers.

2.4.1.3 The Company may require a minimum contract period longer than one month in connection with special, non-standard types or arrangements of equipment, or for unusual construction, necessary to meet special demands for service.

2.4.2 Cancellation of Service

2.4.2.1 Where the applicant cancels an order for service prior to the start of the installation or special construction of facilities, no charge shall apply, except to the extent the Company incurs a service order or similar charge from a supplying carrier, if any, prior to the construction.

2.4.2.2 Where the installation of facilities, other than those provided by special construction, has been started prior to cancellation, the lower of the following charge applies;

2.4.2.2.A The total costs of installing and removing such facilities;
or

2.4.2.2.B The monthly charges for the entire initial contract period of the service ordered by the customer as provided in this Price Guide plus the full amount of any applicable installation and termination charges.

2 RULES AND REGULATIONS (cont'd)

2.4.2 Cancellation of Service (cont'd)

2.4.2.2.B (cont'd)

- 2.4.2.3 Where special construction of facilities has been started prior to the cancellation, and the Company has another requirement for the specially constructed facilities, no charge applies.

2.5 Payment for Service

- 2.5.1 Service will be billed directly by the Company on a monthly basis and is due and payable upon receipt or as specified on the customer's bill. Service will continue to be provided until canceled by the customer or discontinued by the Company as set forth in this Price Guide.
- 2.5.2 The customer is responsible for payment of all charges for service furnished to the customer. Charges based on actual usage during a month will be billed monthly in the month following the month in which the service was used. All fixed monthly and nonrecurring charges for services ordered will be billed monthly in advance.
- 2.5.3 The Company reserves the right to require from an applicant for service advance payments of fixed charges and nonrecurring charges. The advance payment will not exceed an amount equal to the nonrecurring 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 nonrecurring charges for the special construction. The advance payment will be applied to any indebtedness for the service and facilities for which the advance payment is made on the customer's initial bill.
- Advanced payments for installation costs or special construction will be credited on the first bill in their entirety.
- 2.5.4 If the Company provides service under a term plan (1,3 years, etc.) and (1) automatically renews the contract, and (2) imposes a penalty for early cancellation by the customer, then the customer shall be notified 60 days in advance of the customer's current contract expiration date

2 RULES AND REGULATIONS (cont'd)

2.6 Customer Deposits

2.6.1 The Carrier agrees to abide by the regulations associated with business customer deposits as specified by Code of Maryland Regulations 20.30.01. as amended from time to time. (C)
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(C)

2.6.2 In order to establish credit, the carrier may require an applicant for business service to demonstrate good paying habits by showing that the applicant: (C)

2.6.2.1 Was a customer of a Maryland utility for at least 12 months within the preceding 2 years;

2.6.2.2 Does not currently owe any outstanding bills for utility service to a utility doing business in Maryland;

2.6.2.3 Did not have service discontinued for nonpayment of a utility bill during the last 12 months that service was provided; and

2.6.2.4 Did not fail, on more than two occasions during the last 12 months that service was provided, to pay a utility bill when it became due.

2.6.3 (D)
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2.6.4 (D)

2 RULES AND REGULATIONS (cont'd)

2.6 Customer Deposits (cont'd)

2.6.4 (cont'd)

- 2.6.4.1 Was a customer of a Maryland utility within the preceding 2 years;
- 2.6.4.2 Does not currently owe any outstanding bills for utility service to a utility doing business in Maryland;
- 2.6.4.3 Did not have service discontinued for non-payment of a utility bill during the last 12 months that service was provided; and
- 2.6.4.4 Did not on more than two occasions during the last 12 months that service was provided, fail to pay a utility bill when it became due.

2.6.5 Deposits for establishment or reestablishment of credit will not be more than the estimated charge for service for 2 consecutive billing periods or 90 days, whichever is less.

2.6.6 Customer deposits shall be maintained in a bank located in Maryland. Customers who make a deposit for service will receive interest, at a rate set on such deposit not less than the rate calculated by the method set forth in COMAR 20.30.01.04 (for business customers).

(C)

2.7 Late Payment Charges

2.7.1 The Carrier agrees to abide by the regulations governing late payment charges as specified by COMAR 20.30.03. as amended from time to time.

2.7.2 Any charges that are disputed by a customer shall not be subject to late payment charges regardless of the outcome of the dispute.

2.7.3 The Company will consider delinquent and apply late payment charges on bills not paid within 15 days of the billing invoice date in the case

(C)

2 RULES AND REGULATIONS (cont'd)

2.7 Late Payment Charges (cont'd)

2.7.3 (cont'd)

of all business customers in accordance with COMAR Section 20.30.03.01B. (C)

2.7.4 Late payment fees will be computed at a rate not to exceed 1.5% per month, for the two nominal billing intervals and may not exceed 5% of the total original unpaid charges in compliance with COMAR 20.30.03.01.A(1).

2.8 Customer Complaints and Billing Disputes

2.8.1 Customers may notify the carrier of billing or other disputes either orally or in writing. There is no time limit for submitting disputes.

2.8.2 Customer complaints and billing disputes that are not satisfactorily resolved may be presented by the customer to:

Office of External Relations
Maryland Public Service Commission
6 St. Paul Street
Baltimore, MD 21202

410-767-8028 (Office of External Relations)
410-767-8000 (Main PSC number)
1-800-492-0474 (Toll-free PSC number)

2.8.3 The Company provides the following toll free number (1-877-638-8351) for customers to contact the carrier in accordance with COMAR 20.45.04.02.B.

2.8.4 The Company will not collect attorney fees or court costs from customers.

2 RULES AND REGULATIONS (cont'd)

2.9 Allowance for Interruptions in Service

2.9.1 Credit for failure of service or equipment will be allowed only when failure is caused by or occurs in equipment owned, provided, or billed for, by the Company. The Carrier agrees to abide by the regulations associated with interruptions in service as specified by Code of Maryland Regulations 20.45.05.09 as amended from time to time.

2.10 Taxes and Fees

2.10.1 All state and local taxes and fees shall be listed as separate line items on the customer's bill.

2.10.2 If a municipality, other political subdivision or local agency of government, or the Commission imposes and collects from the Company a gross receipts tax, occupation tax, license tax, permit fee, franchise fee, or regulatory fee, such taxes and fees shall, as allowed by law, be billed pro rata to the customer receiving service from the Company within the territorial limits of such municipality, other political subdivision or local agency of government.

2.10.3 Service shall not be subject to taxes for a given taxing jurisdiction if the customer provides the Company with written verification, acceptable to the Company and to the relevant taxing jurisdiction, that the customer has been granted a tax exemption.

2.11 Returned Check Charge

The charge for a returned check is \$25.00

2.12 Reserved for Future Use

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2 RULES AND REGULATIONS (cont'd)

2.13 Special Customer Arrangements

In cases where a customer requests special or unique arrangements which may include but are not limited to engineering, conditioning, installation, construction, facilities, assembly, purchase or lease of facilities and/or other special services not offered under this Price Guide, the Company, may provide the requested services. Appropriate recurring charges and/or nonrecurring charges and other terms and conditions will be developed for the customer for the provisioning of such arrangements.

2.14 Termination of Service:

2.14.1 Denial of Service Without Notice

The Company may discontinue service without notice for any of the following reasons:

2.14.1.1 Hazardous Condition. For a condition on the customer's premises determined by the Company to be hazardous.

2.14.1.2 Adverse Effect on Service. Customer's use of equipment in such a manner as to adversely affect the Company's equipment or the Company's service to others.

2.14.1.3 Tampering With Company Property. Customer's tampering with equipment furnished and owned by the Company.

2.14.1.4 Unauthorized Use of Service. Customer's unauthorized use of service by any method which causes hazardous signals over the Company's network.

2.14.1.5 Illegal use of Service. Customer's use of service or equipment in a manner to violate the law.

2.14.2 Denial of Service Requiring Notice

2.14.1.1 The Company may deny service for any of the following reasons provided it has notified the customer of its intent, in writing, to deny service and has allowed the customer a reasonable time of not less than 10 days in which to remove the cause for denial.

2 RULES AND REGULATIONS (cont'd)

2.14 Termination of Service (cont'd)

2.14.2.1 (cont'd)

2.14.2.1.A Non-compliance with Regulations. For violation of or non-compliance with regulations contained in Code of Maryland Regulations 20.45.04, or for violation of or non-compliance with the Company's Price Guide. (C)

2.14.2.1.B Failure on Contractual Obligations. For failure of the customer to fulfill his contractual obligations for service or facilities. (C)

2.14.2.1.C Refusal of Access. For failure of the customer to permit the Company to have reasonable access to its equipment.

2.14.2.1.D Non-payment of Bill.

2.14.2.1.D.1 For non-payment of a bill for service, provided that the Company has made a reasonable attempt to effect collection and has given the customer written notice of its intent to deny service if settlement of his account is not made and provided the customer has at least 5 days, excluding Sundays and holidays in which to make settlement before his service is denied.

2.14.2.1.D.2 In cases of bankruptcy, receivership, abandonment of service, or abnormal toll usage not covered adequately by a security deposit, less than 5 days notice may be given if necessary to protect the Company's revenues.

2 RULES AND REGULATIONS (cont'd)

2.14 Termination of Service (cont'd)

2.14.2.1.D.3 Except in cases where a prior promise to pay has not been kept or bankruptcy, receivership, abandoned service, or abnormal toll usage is involved, the Company may not deny service on the day preceding any day on which it is not prepared to accept payment of the amount due and to reconnect service.

2.14.2.1.D.4 Failure to Comply with Service Conditions. For failure of the customer to furnish the service equipment, permits, certificates, or rights-of-way, specified by the Company as a condition to obtaining service, or if the equipment or permissions are withdrawn or terminated.

2.14.2.1.D.5 Failure to Comply with Municipal Ordinances. For failure to comply with municipal ordinances or other laws pertaining to telephone service.

2.14.2.1.D.6 Failure to Pay Increased Deposit Required. For failure of the customer to pay an increased security deposit when warranted by the Company to protect its revenue in accordance with Code of Maryland Regulations 20.45.04.

2.14.3. Insufficient Reasons for Denial of Service

2.14.3. The following may not constitute cause for refusal of service to a present or prospective customer:

2.14.3.1.A Failure of a prior customer to pay for service at the premises to be serviced;

2.14.3.1.B Failure to pay for a different class of service for a different entity;

2.14.3.1.C Failure to pay the bill of another customer as guarantor of that bill;

2 RULES AND REGULATIONS (cont'd)

2.14 Termination of Service (cont'd)

2.14.3.1.D Failure to pay directory advertising charges;

2.14.3.1.E Failure to pay an undercharge as described in the Code of Maryland Regulations 20.45.04.01.D.(2); or

2.14.3.1.F Failure to pay an outstanding bill that is over 7 years old, unless the:

2.14.3.1.F.1 Customer signed an agreement to pay the outstanding bill before the expiration of this period;

2.14.3.1.F.2 Outstanding bill is for service obtained by the customer by means of tampering with equipment furnished and owned by the Company or by unauthorized use of service by any method; or

2.14.3.1.F.3 Outstanding bill is for service obtained by the customer by means of an application made:

- (i) In a fictitious name,
- (ii) In the name of an individual who is not an occupant of the dwelling unit, without disclosure of the individual's actual address,
- (iii) In the name of a third party without disclosing that fact or without bonafide authority from the third party, or
- (iv) Without disclosure of a material fact or by misrepresentations of a material fact.

2.14.3.2 This regulation applies to business classes of service. (C)

2 RULES AND REGULATIONS (cont'd)

2.15 Unlawful Use of Service

2.15.1 Service shall not be used for any purpose in violation of law or for any use as to which the customer has not obtained all required governmental approvals, authorizations, licenses, consents, and permits. The Company shall refuse to furnish service to an applicant or shall disconnect the service without notice of a customer when:

2.15.1.1 An order shall be issued, signed by a judge finding that probable cause exists to believe that the use made or to be made of the service is prohibited by law, or

2.15.1.2 The Company is notified in writing by a law enforcement agency acting within its jurisdiction that any facility furnished by the Company is being used or will be used for the purpose of transmitting or receiving gambling information in interstate or foreign commerce in violation of the law.

2.15.2 If service has been physically disconnected by law enforcement officials at the customer's premises and if there is not presented to the Company the written finding of a judge, then upon written or verbal request of the subscriber, and agreement to pay restoral of service charges and other applicable service charges, the Company shall promptly restore such service.

2.16 Interference with or Impairment of Service

Service shall not be used in any manner that interferes with other persons in the use of their service, prevents other persons from using their service, or otherwise impairs the quality of service to other customers. The Company may require a customer to immediately shut down its transmission of signals if said transmission is causing interference to others or impairing the service of others.

2.17 Telephone Solicitation by Use of Recorded Messages

2.17.1 Service shall not be used for the purpose of solicitation by recorded messages when such solicitation occurs as a result of unrequested or unsolicited calls initiated by the solicitor by means of automatic dialing devices. Such devices, with storage capability of numbers to be called or a random or sequential number generator that produces numbers to be called and having the capability, working alone or in conjunction with

2 RULES AND REGULATIONS (cont'd)

2.17 Telephone Solicitation by Use of Recorded Messages (cont'd)

2.17.1 (cont'd)

other equipment, of disseminating a prerecorded message to the number called and which are calling party or called party controlled, are expressly prohibited.

2.18 Incomplete Calls

2.18.1 There shall be no charge for incomplete calls. No charge will be levied for unanswered calls. Customers will receive credit for calls placed to a wrong number if the customer notifies the Company of the error.

2.19 Overcharge/Undercharge

2.19.1 Overcharge/undercharge provisions will be in accordance with COMAR 20.45.04.01.

2.19.2 When a customer has been overcharged, the amount shall be refunded or credited to the customer.

2.20 Business Rules for MetPak Advantage Plans

2.20.1 MetPak Advantage Plans provide a choice of unlimited calling plans for a fixed monthly fee, in addition to the monthly charge for basic dial tone service. There are three plans to choose from: (1) unlimited local calling, (2) unlimited local and regional toll calling and (3) unlimited local, regional toll and long distance calling. In addition, for Business Message Rate lines, the MetPak Plus Advantage Plan provides for the combination of one of the unlimited calling plans with a set of popular call management features.

2.20.2 MetPak Plus Advantage Plans (for POTS lines only) include one of the above plans in 2.20.1 preceding and all of the following features for a fixed monthly fee of \$10.00 per line; Anonymous Call Rejection, Caller ID with Name, Call Forwarding, Three-Way Calling, Speed Dialing 8, Unlimited *69 Call Return and *66 Repeat Dial.

2.20.3 Only one plan can be ordered per individual line.

2 RULES AND REGULATIONS (cont'd)

2.20 Business Rules for MetPak Advantage Plans (cont'd)

- 2.20.4 These calling plans are only available on MetTel Business Message Rate POTS and Centrex Lines on the UNE-Platform. The MetPak Plus Advantage plans are only available on MetTel Business POTS lines on the UNE-Platform. Lines on Resale are not eligible for these plans at this time. The price of a POTS or Centrex line is not included in the plan.
- 2.20.5 The Unlimited Calling Plans are available to business customers, who at the time they order these plans have no more than 25 voice grade lines for all BTNs per service address. Eligible customers may order the Unlimited Plans on a maximum of 10 lines per service address. Business customers with multiple service addresses may order the Unlimited Plans subject to the preceding eligibility requirements.
- 2.20.6 Customers must use MetTel as their local, regional toll and long distance carrier in order to qualify for these plans. If a customer PIC's "None" for regional and long distance, they will still qualify for the unlimited local plan. If they PIC "None" for long distance, they will still qualify for the unlimited local and regional plan or an unlimited local and a per minute MetTel regional calling plan.
- 2.20.7 These plans only apply to voice traffic for sent-paid, directly-dialed local, regional toll and domestic long distance calls, i.e., in-state and state-to-state. Calls to Internet Service Providers, which is non-voice information access traffic, are not covered under this plan. MetTel reserves the right to terminate the MetPak Advantage Plans for customers who use the service for non-voice traffic or with services or equipment as defined in this section.
- 2.20.8 These plans are not available for use with PBX Trunks, ground start lines or trunks, ISDN BRI or ISDN PRI Services, Digital PBX Trunk Services (T 1s), Remote Call Forwarding Service, Foreign Exchange Service, Coin or Pay Telephone Service, or for use with Predictive Dialers, Call Center operations or for Toll Free Services. Unlimited service will not be provided to customers with PBX or Key Systems who convert their trunks to POTS lines. This plan is not intended for customers with PBXs or Key Systems.

3 DESCRIPTION OF SERVICES

3.1 Trial Services

- 3.1.1 The Company may offer new services from time to time on a trial basis. Such trials are limited to a maximum of six months at which time the trial offering must be either withdrawn or made available on permanent basis. (C)

3.2 Promotional Offerings

- 3.2.1 The Company may offer existing services on a promotional basis that provides special rates, terms, or conditions of service. Promotional offerings are limited to a maximum of six months at which time the promotional offering must be either withdrawn or made available on a permanent basis.

3.3 Individual Case Basis (“ICB”) Offerings

- 3.3.1 The Price Guide may specify the price of a service in the Price Guide as “ICB. All customers have non-discriminatory access to requesting the service under an ICB rate.

3.3.2 U.S. General Services Administration (GSA)

The Company entered into the Enterprise Infrastructure Solution (EIS) contract number GS00Q17NSD3007 with the U.S. General Services Administration (GSA). The contract provides for various business Services across various Switch Types, LATAs and vertical and horizontal loop distances. The EIS contract is a nationwide arrangement available to federal governmental entities or entities qualifying for purchase under the federal EIS contract as the case may be without a specific committed Service volume within the Maryland service area. The initial contract term is five (5) years. Rates and charges for all Services under the contract will be available to the public through the GSA eLibrary website at <http://www.gsaelibrary.gsa.gov>.

4 RATES AND CHARGES

4.1 Calculation of Rates

- 4.1.1 Rates for service are based on airline mileage between rate centers of the calling and called stations. The location of rate centers is based on information provided by Verizon - Maryland, Inc. Mileage is calculated using the Vertical and Horizontal (V&H) coordinate system from the National Exchange Carriers Association Tariff F.C.C. No. 4.
- 4.1.2 Timing of calls begins when the call is answered at the called station. Calls originating in one time period and terminating in another time period will be billed according to the rates in effect during each portion of the call.

4.2 Dial-Around Compensation Surcharge for Payphones

- 4.2.1 A Dial-Around Compensation Surcharge applies to all completed consumer intrastate long distance calls placed from a public/semi-public payphone which are not paid on a sent paid basis. The Surcharge applies to:

- A. Calling card service
- B. Collect calls
- C. Third party billed
- D. Directory Assistance calls
- E. Pre-paid card service

- 4.2.2 The Surcharge does not apply to:

- A. Calls paid for by inserting coins
- B. Calls placed from stations other than public/semi-public payphones
- C. Calls placed to the Maryland Telecommunications Relay Service for the hearing impaired
- D. Any calls for which the payphone provider is otherwise compensated pursuant to contract with the carrier.

- 4.2.3 The Dial Around Compensation Surcharge rate is \$.50 per call.

4 RATES AND CHARGES (cont'd)

4.3 Local Service Provider Freeze

- 4.3.1 The Company will make available a local service provider freeze to all business customers on a nondiscriminatory basis at no charge to the end user. This freeze prevents a change in the end user's local service provider unless the end user gives the carrier from whom the freeze was requested his or her express consent. (C)
- 4.3.2 End users may request a freeze on their local service provider as a means of protection from unauthorized changes. In establishing a freeze, carriers must follow the verification procedures for preferred carrier freezes of the Federal Communications Commission ("FCC") (e.g., independent 3rd party verification, written letter of agency from customers, electronic authorization).
- 4.3.3 The Company will accept a customer's written or oral authorization, including a three-way call with the customer, the Company and the new local service provider selected by the customer, to lift a freeze previously imposed by the customer on his or her choice of local service provider. In accordance with federal regulations, when engaged in oral authorization to lift a local service provider freeze, the Company must confirm appropriate customer identification data and the customer's intent to lift the freeze. Carriers will impose and lift the freeze in accordance with the then applicable provisions of the federal regulations, the current provisions of which appear at Title 47, Part 64 of the Code of Federal Regulations, 47 C.F.R. 64.1190. Carriers must still follow the verification procedures of the FCC for changing preferred carriers (e.g., independent 3rd party verification, written letter of agency from customers, electronic authorization).

4.4 Local Exchange Services

4.4.1 Reserved for Future Use(T)
(D)
|
|
|
(D)

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.2 Reserved for Future Use

(T)
(D)

|

(D)

4.4.3 Reserved for Future Use

(T)
(D)

|

(D)

4.4.4 Reserved for Future Use

(T)
(D)

|

(D)

4.4.5 Reserved for Future Use

(T)
(D)

|

(D)

4.4.6 Smart Cents Plan is a call plan for regional toll calls (calls that are outside the subscribers local calling area). These IntraState/Intralata calls are available month-to-month. Rates are applicable to Business customers.

(C)

MTM, per minute

\$0.079 – 0.089

(D)
(D)

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.7 Exact Rate Plan is a call plan for regional toll calls (calls that are outside the subscribers local calling area). These IntraState/Intralata calls are available as 12, 24 or 36 term agreements. Rates are applicable to Business customers. (C)

Per Minute		
12M	24M	36M
\$0.59 – 0.079	\$0.59 – 0.079	\$0.59 – 0.079

4.4.8 Reserved for Future Use (T)
(D)

4.4 Local Exchange Services (cont'd)

4.4.8 Business Individual Message or Measured Line are usage (call) sensitive offers offer basic network access. The service is available in Rate Group A and B.

Rate Group (RG)	MTM	Per Line, Per Month			
		12M	24M	36M	
A	\$48.75	\$39.49	\$37.05	\$35.10	(l)
B	\$48.75	\$39.49	\$37.05	\$35.10	(l)

4.4.9 Business Message or Measured Trunk are usage (call) sensitive offers offer basic network access. The service is available in Rate Group A and B.

Rate Group (RG)	MTM	Per Line, Per Month			
		12M	24M	36M	
A	\$48.75	\$46.31	\$45.34	\$43.88	(l)
B	\$48.75	\$46.31	\$45.34	\$43.88	(l)

4.4.10 Hunting provides forwarding of inbound calls from lines/stations that are busy to be routed to an available line/station.

Establishment Charge, per Line Group	\$28.00
Per Line or Trunk, per month	.55

4.4.11 Remote Call Forwarding (RCF) is a service offering for business customers. The service provides the automatic routing, or forwarding, of calls to a predetermined telephone line / number. The subscriber of the service is responsible for the prevailing rate of the call forwarded from the RCF to the predetermined telephone line / number.

Per RCF path, per month	\$65.00
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4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.12 PBX Trunk DID/IOD Ports are specially designed central office facilities. Direct Inward Dial (DID) provide inbound, direct dialed calls to be routed from the central office to a specific PBX extension. Identified Outbound Dialing (IOD) provides call detail to be recorded against a specific station or trunk.

TYPE	Per Month			
	MTM	12M	24M	36M
PBX DID Trunk Port	\$29.69 (I)	\$28.20 (I)	\$27.61 (I)	\$26.72 (I)
PBX IOD Trunk Port, 10 trks each ¹	\$40.04 (I)	\$38.04 (I)	\$37.23 (I)	\$36.03 (I)
PBX IOD Trunk Port, 11-50	\$38.73 (I)	\$36.79 (I)	\$36.01 (I)	\$34.85 (I)
PBX IOD Trunk Port, 51+	\$8.54 (I)	\$8.11 (I)	\$7.94 (I)	\$7.68 (I)

4.4.13 PBX DID Station Numbers are available to PBX customers in blocks of consecutive 20.

	Installation	Monthly
Per block of Initial 20 Numbers	\$20.00	\$4.00 (I)
Per block of Additional 20 Numbers	\$20.00	\$4.00 (I)

4.4.14 Business Local Calling rates are billed as messages to Message Line subscribers. The cost per message is for all messages in excess of the 65 message unit allowance. Measured Line subscribers are billed for all local calls that are placed, but receive a \$6.44 call allowance.

Message Rate, per message	\$0.1430 (I)
Measured Rate, first minute	\$0.0280 (I)
Measured Rate, additional minute	\$0.0280 (I)

4.4.15 MetPak Advantage Plans provide Businesses the opportunity to customize flat rate calling plans for their local and regional toll calling needs. The plans are only available on POTS and Centrex lines. All rates are per line, per month.

TYPE	Per Month			
	MTM	12M	24M	36M
Unlimited Local Calling	\$35.50	\$33.00	\$28.40	\$26.95
Unlimited Local and Regional Calling	\$44.00	\$40.90	\$35.20	\$33.45

¹ Rates are in addition to PBX Business Message or Measured Trunks.

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

- 4.4.16 MetPak Advantage Plus Plans mirror the MetPak Advantage Plans, additionally the following features are included for each line equipped with the offer. Service pertains to POTS lines only.

Anonymous Call Rejection, Call ID with Name, Call Waiting, Call Forwarding, Three-Way Calling, Speed Dialing 8, Unlimited *69 Call Return and *66 Repeat Dialing.

TYPE	Per Month			
	MTM	12M	24M	36M
Unlimited Local Calling	\$45.50	\$43.00	\$38.40	\$36.95
Unlimited Local and Regional Calling	\$54.00	\$50.90	\$45.20	\$43.45

- 4.4.17 Directory Assistance allows a customer to obtain assistance, for a charge, in determining a telephone number by dialing Directory Assistance Service. Directory Assistance Charge applies for each telephone number, area code, and/or general information requested from the Directory Assistance operator except for calls from coin telephones, including Customer Owned Coin Operated Telephones (COCOTs), requests for telephone numbers of non-published service, request in which the Directory Assistance operator provides an incorrect number. The customer must inform the Company of the error in order to receive credit.

Business

\$5.99

(D)

- 4.4.18 National Directory Assistance is provided to customers of the Company for the purpose of requesting telephone numbers of individuals or businesses who are located outside the state of Maryland and is furnished subject to the availability of facilities. There are no call allowances for National Directory Assistance. A maximum of two (2) requested telephone numbers are allowed per call. N-411 is available only on a direct dialed basis and may not be alternately billed.

Business

\$5.99

(C)

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.19 Directory Assistance Call Completion (DACC) is a service that provides customers the option of having their local or intraLATA calls automatically completed when they request a telephone listing from the Directory Assistance operator. The call may be completed automatically or by the Directory Assistance operator.

Business, per Completed Call	\$0.50	(C)
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4.4.20 Primary Directory Listings are provided in Directory records, one (1) primary listing is provided without extra charge for each main service or for the first number in a group, when two (2) or more main station lines are consecutively operated.

4.4.21 Additional Directory Listings are provided in Directory records, charges for additional listings begin on the date the information records are posted and are payable annually in advance.

Additional Listing - Business, each	\$5.50	(D)
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4.4.21.1 There are also special types of additional listings – Duplicate and Foreign listings.

Duplicate Listings- Listings in an alphabetical list other than the list/area in which the listed service is furnished.

Foreign Listings - Listings in an alphabetical directory of an area other than that from which the listed service is furnished.

	Monthly	
	(D)	Business
Duplicate	(D)	\$5.50
Foreign	(D)	\$5.50

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.22 Non-Published Telephone Number Service provides for the omission or deletion of a Customer's telephone number listing from the directory and is not given out upon request.

Business, per Non-Published Number \$5.50 (C)

4.4.23 Non-Listed Telephone Number is one for which no listing appears in the alphabetical section of the directory. The number is listed in the information records and is given out upon request.

Business, per Non-Listed Number \$4.45 (C)

4.4.24 Anonymous Call Rejection is an arrangement that allows a called party to reject calls from parties that have activated the *67 Per Call Blocking feature to prevent the display of the calling telephone numbers to Caller ID subscribers, or to prevent the display of the calling telephone numbers and associated main listed names to Caller ID with Name subscribers.

4.4.25 Call Waiting is an arrangement whereby a customer is alerted, by means of a tone signal, when another caller is trying to reach that line.

4.4.26 Call Forwarding is an arrangement whereby incoming calls may be forwarded/transferred to another telephone number.

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

4.4.28 Call Forwarding - No Answer automatically reroutes an incoming call to a customer pre-designated number when the called number does not answer within the number of rings programmed by Company.

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

- 4.4.29 Call Forwarding Busy/No Answer combines, packages the feature functionality of Call Forwarding Busy and Call Forwarding No Answer (see definitions contained within this section.)
- 4.4.30 Call Gate is an optional outgoing call management service that provides business customers the ability to block or allow calls initiated to from their line. (C)
- 4.4.31 Speed Dialing 8 allows a customer to store up to 8 frequently dialed numbers from their telephone line. The stored numbers are retrieved via a simple access code.
- 4.4.32 Speed Dialing 30 allows a customer to store up to 30 frequently dialed numbers from their telephone line. The stored numbers are retrieved via a simple access code.
- 4.4.33 Three-way Calling permits an existing call to be held and a second call to be established and added to the connection for conferencing.
- 4.4.34 Caller ID will enable the Customer to receive the number of the caller, the time, date, and the calling number on an incoming call. The name number will be delivered to the called party in the interval between the first and second ring.
- 4.4.35 Caller ID with Name will enable the Customer to receive the name of the caller, the time, date, and the calling number on an incoming call. The name and number will be delivered to the called party in the interval between the first and second ring. The displayed name is the name associated with the calling party number.
- 4.4.36 Ultra Forward allows a Customer to remotely program the Call Forwarding feature on their telephone line. The Customer can also disable the feature remotely.

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

- 4.4.37 Call Waiting ID Deluxe with Name is an enhancement of the Call Waiting feature offered to business customers that allows the “called” party to control the treatment of a second incoming call. (C)
- 4.4.38 Call Trace is an arrangement which permits the customer to trace the last call received.
- 4.4.39 *69 Call Return allows the Customer to place a call to the telephone number of the calling party should the call be unanswered or unknown by dialing a code to activate this feature.
- 4.4.40 *66 Repeat Dialing Automatic Redial allows a customer to automatically redial the last number dialed. This is accomplished by the customer activating a code. The network periodically tests the busy/free status of the called line for up to 30 minutes until both lines are found free and then redials the call for the customer.
- 4.4.41 Call Block is an arrangement which prevents future calls from up to six pre-specified telephone numbers.
- 4.4.42 Distinctive Ringing enables a user to determine the source of an incoming call from a distinctive ring. The user is provided with up to two additional telephone numbers.
- 4.4.43 Select / Preferred Call Forward is an arrangement which permits a customer to pre-specify one or more (up to maximum of six) telephone numbers from which calls are to be forwarded.
- 4.4.44 Priority Call is an arrangement which provides for one distinctive audible signal to the customer when a call is received from one or more (up to a maximum of six) pre-specified telephone numbers.

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.45 Per Activation

These features are offered on a monthly subscription or per activation basis with the exception of Call Trace.

	(D)	<u>Business</u>
*66 Repeat Dialing	(D)	\$ 0.86
*69 Call Return	(D)	\$ 0.86
Three Way calling	(D)	\$ 0.86
Call Trace	(D)	\$ 1.15

4 RATES AND CHARGES (cont'd)

FEATURE	(D)	Business
Anonymous Call Rejection	(D)	\$3.95
Call Block	(D)	\$5.75
Call Forwarding	(D)	\$12.16
Call Forwarding Busy	(D)	\$2.60
Call Forwarding Don't Answer	(D)	\$6.07
Call Forwarding Busy- Don't Answer	(D)	\$6.07
Select Call Forward	(D)	\$5.15
Call Gate	(D)	\$5.25
Call Waiting	(D)	\$11.76
Call Waiting ID	(D)	\$7.00
Call Waiting ID Deluxe	(D)	\$7.00
Caller ID Number Only	(D)	\$11.20
Caller ID With Name	(D)	\$18.05
Distinctive Ringing	(D)	\$8.33
Priority Call	(D)	\$3.50
Speed Dial 8	(D)	\$2.60
Speed Dial 30	(D)	\$5.95
Three Way Calling	(D)	\$10.00
Ultra Forward	(D)	\$9.90
Unlimited *66 Repeat Dialing	(D)	\$3.30
Unlimited *69 Call Return	(D)	\$5.95

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.45 New Line Installation charges apply for each new or additional telephone access line or trunk placed by the Customer with the Company.

Business, 1 st line installed	\$200.00 (I)	
Business, each additional line installed	200.00 (I)	

(D)
(D)

4.4.46 Move Service-Different Premises charges apply when the Customer requests the move of their service, in whole or in part, to a location other than their primary or existing premise.

Business, 1 st line installed	\$200.00 (I)	
Business, each additional line installed	200.00 (I)	

(D)
(D)

4.4.47 Telephone Number Change charges apply for each request placed by the Customer to the Company for the change of a telephone number.

Business, 1 st line installed	\$52.80	
Business, each additional line installed	6.00	

(D)
(D)

4.4.48 Restore Service for Non-Payment applies whenever a customer has been disconnected from the Company for reasons of non-payment. The charge will apply at when the customer's service is restored.

Business, 1 st line	\$13.25	
Business, each additional line	13.25	

(D)
(D)

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

- 4.4.49 Change of Features: Requests to add/change or delete features, including hunting will be charged on a per order basis.
Business, per order \$24.00
- 4.4.50 Change of Service Charge: Requests to change service of a line or trunk will be billed a Change of Service Charge.
Business, per line \$50.00 (I)
- 4.4.50.1 Disconnection Order Charge: When subscriber lines and trunks are disconnected the Company incurs costs which may include other carrier related charges.
Business, per line \$50.00 (I)
- 4.4.51 Maintenance Charges will apply will apply whenever the Company is required to dispatch a service technician for reasons that are deemed to be unrelated to a technical failure on the part of the Company.
- A. No Trouble Found (Dispatch to Central Office)
Business \$350.00 (I)
- B. No Trouble Found (Dispatch to Customer Premises)
Business \$350.00 (I)
- C. No Trouble Found (No Access to Network Interface per dispatch)
Business \$350.00 (I)
- 4.4.52 MetPath™ Centrex Service is a central office based system for business customers. The service combines central office switching for calls within the system, as well as calls placed to and from the public switched network. Centrex also provides customers with a variety of line and system related features for call management.

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

CentrexFlex Dial 9 Service

CentrexFlex is a 'dial 9' service. Dial 9 requires the dialing of a prefix digit (usually '9') prior to making external calls. CentrexPak is an assume "dial 9" service, the customers does not dial a prefix digit for external calling.

4.4.53 Rates for 2-30 Lines

<u>Contract Length</u>	<u>Rate Group A</u>	<u>Rate Group B</u>
MTM	\$35.00 (I)	\$36.51 (I)

4.4.54 Rates for 31-75 Lines

<u>Contract Length</u>	<u>Rate Group A</u>	<u>Rate Group B</u>
MTM	\$33.75 (I)	\$34.21 (I)

4.4.55 Rates for 76+ Lines

<u>Contract Length</u>	<u>Rate Group A</u>	<u>Rate Group B</u>
MTM	\$33.13 (I)	\$33.59 (I)

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

CentrexPak Assume Dial 9 Service

4.4.56 Rates for 2-30 Lines

Contract Length
MTM

Rate Group A
\$70.00 (I)

Rate Group B
\$70.00 (I)

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.57 MetPath™ Integrated Services Digital Network (ISDN) Basic Rate Interface (BRI) provides a customer with the capability for simultaneous voice and data transmittal in compliance with industry standards for two (2) Bearer Channels at 64Kbps each and one (1) Data Channel at 16Kbps. It is a digital service offering available to business customers.

4.4.58 Rates ISDN^{1,2}

	<u>Monthly</u>
ISDN Basic, per Business Line (2B+D)	\$21.94
ISDN Basic, per Centrex Line	15.00
Circuit Switched Data Exchange Service	6.19 (I)
Circuit Switched Data, Digital Centrex Service	11.69 (I)
Alternate Circuit Switched Voice or Data	6.19 (I)
Alternate Circuit Switched Voice or Data, Digital Centrex	11.69 (I)
Secondary Number, each	4.81 (I)

¹ISDN BRI rates are in addition to Business Message Rates or Centrex Line

²Effective May 18, 2013 Individual Line Business Basic Rate Interface (BRI) Service is grandfathered and no longer available to new customers. Existing customers as of May 18, 2013 may retain their existing service at existing locations. Moves, additions, or changes to existing subscriber's service will not be permitted.

4.4.59 MetPath™ Integrated Services Digital Network Primary Rate Interface (ISDN PRI) Service provides a customer with the capability for simultaneous voice and data and for inward and outward dialing from the telecommunications network directly to lines associated with switching equipment located on the customer's premises. The service complies with industry standards for twenty-three (23) Bearer Channels at 64Kbps each and one (1) Data Channel at 64Kbps. It is a digital service offering available to business customers.

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.60 Rates ISDN PRI

- A. MetPath™ ISDN PRI with Unlimited Local Calling (includes PRI Digital Port, Transport Facility, PRI/DID Trunk Package and Calling Line ID. Does not include FCC End User Line or Port Charge.)

	<u>Monthly</u>
Each PRI, 12 Months	ICB
Each PRI, 24 Months	ICB
Each PRI, 36 Months	ICB

	<u>NRC 1st</u>	<u>NRC Additional</u>
Each PRI, 12 Months	ICB	ICB
Each PRI, 24 Months	ICB	ICB
Each PRI, 36 Months	ICB	ICB

- B. MetPath™ ISDN PRI and DS1 with Unlimited Local Calling and Bundled LD (PRI Port, 23B+D with 24 Channels and DS1 Digital Transport Facility, includes Inbound Calling Line ID-Name and Number and Call-by-Call Selection. DS1 Port with 24 Channels – DID, DOD and/or 2 Way Trunks and DS1 Digital Transport Facility. Does not include FCC End User Line or Port Charge.)

	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>
Unlimited Local and 5,000 Toll/LD MOUs	ICB	ICB	ICB
Unlimited Local and 10,000 Toll/LD MOUs	ICB	ICB	ICB
Unlimited Local and 30,000 Toll/LD MOUs	ICB	ICB	ICB
Unlimited Local and 50,000 Toll/LD MOUs	ICB	ICB	ICB
Unlimited Local and 100,000 Toll/LD MOUs	ICB	CB	ICB

(C)

(C)

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4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.61 MetPath™ Digital PBX Service customers are provided a T1 connection that combines a Digital Port and DS1 Digital Transport Facility. The Digital Port provides 24 individual trunks.

4.4.62 Rates for MetPath™ Digital PBX Service

MetPath™ Digital PBX Service with Unlimited Local Calling (includes a DS1Port with 24 Channels – DID, DOD or 2 Way Trunks and DS1 Digital Transport Facility. Does not include FCC End User Line or Port Charge.)

	<u>Monthly</u>	
12 Months	ICB	
24 Months	ICB	
36 Months	ICB	
	<u>NRC 1st</u>	<u>NRC Additional</u>
12 Months	ICB	ICB
24 Months	ICB	ICB
36 Months	ICB	ICB

(C)

 (C)

4.4.63 Reserved for Future Use

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.64 Reserved for Future Use

(T)

(D)

(D)

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.65 Subscriber Intrastate Access Service

4.4.65.1 General Description

The Subscriber Intrastate Access Service provides interconnected access to the local public switched telephone network so that local exchange customers can make and receive calls to and from the customers of other carriers within the state.

4.4.65.2 Limitations

- (A) A telephone number is not provided with Subscriber Intrastate Access Service.
- (B) Detail billing is not provided with Subscriber Intrastate Access Service.
- (C) Directory listings are not included with Subscriber Intrastate Access Service.
- (D) Intercept arrangements are not included with Subscriber Intrastate Access Service.

4.4.65.3 Undertaking of the Company

The Company will provide Subscriber Intrastate Access Service to each Customer that subscribes to its local exchange service.

4.4.65.4 Term of Service

Subscriber Intrastate Access Service shall be coterminous with the Company's local exchange service, and the Subscriber Access Charge shall apply for each telephone line or service as defined herein for all periods in which Customer subscribes to local exchange service from the Company.

4.4.65.5 Rate Regulations

- (A) If Customer is eligible to receive prorated credit for their associated local exchange service, such as for network outages or suspension or termination of service, the Subscriber Access Charge will be prorated or credited in the same manner consistent with the terms of this Price Guide and any contract. No other credits are available for Subscriber Intrastate Access Service.

(D)
(D)

4 RATES AND CHARGES (cont'd)**4.4 Local Exchange Services (cont'd)****4.4.65 Subscriber Intrastate Access Service (cont'd)****4.4.65.5 Rate Regulations (cont'd)**

- (B) When Customer is provided more than one local business exchange service in a state, the Subscriber Access Charge Multi-line Business Subscriber rates are assessed for each line.
- (C) The Subscriber Access Charge, as set forth in 4.4.65.6 following, will be billed to the end user subscriber of the associated local exchange service, including, where applicable, a reseller of the associated local exchange service, in which case the reseller shall be deemed an end user for purposes of application of such charges.
- (D) For each local exchange service provided as remote call forwarding business service under the Local Exchange Service Price Guide, the Subscriber Access Charge does not apply.

4.4.65.6 Rates

Business Customer Service Type	ILEC AREA/OCN
	VERIZON / 5030
Single Line Local Exchange Service	7.50
Multi-line Local Exchange Service	8.15 (I)
Centrex	8.15 (I)
Trunk	8.15 (I)
PRI	40.75 (I)
BRI	7.62

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.66 Local Telecom Surcharge Rate Regulations,

(A) Telecommunications rules and regulations allows Incumbent Local Exchange Carriers to increase rates to wholesale providers in the form of a surcharge per line. As a result of these rate increases, the Company will assess the Local Telecom Surcharge on all local exchange service lines provided by the Company. See table in paragraph 4.4.71 following for rates.

4.4.67 Carrier Access Recovery Charge Rate Regulations,

(A) Customers assessed a Subscriber Intrastate Access Charge as specified in paragraph 4.4.65.6 preceding will be assessed a flat-rated, monthly Carrier Access Recovery Charge (CARC). CARCs will be billed to the associated end user or reseller of the local exchange services. See table in paragraph 4.4.71 following for rates. (C)

4.4.68 Regulatory Recovery Fee-State Rate Regulations,

(A) Regulatory Recovery Fee-State (RRF-S) is a charge assessed to recover the costs of state and local regulatory activities, including costs associated with compliance filings, payments to industry organizations for required services, legal expenses and employee salaries related to those Company regulatory activities. See table in paragraph 4.4.71 following for rates.

4.4.69 End User Port Charges Rate Regulations,

Certain local exchange services are subject to End User Port Charges. These services include: (C)

- Integrated Services Digital Network (ISDN) – Basic Rate
- Integrated Services Digital Network (ISDN) – Primary Rate
- PBX Trunks

See table in paragraph 4.4.72 following for rates

4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.70 Local Portability Charge

Rate Regulations,

- (A) Telecommunications rules and regulations require all local phone companies to provide "service provider number portability," which allows customers to retain their local phone number when switching companies to provide their local phone service. The Local Portability Charge (LPC) is used by telephone companies to recover the costs associated with the development, implementation, and operability of service provider number portability.
- (B) The Company will assess the Local Portability Charge (LPC) on all local exchange services. The LPC, as set forth below applies to all local exchange service lines provided by the Company.

4.4.71 Rate Table (LTS, CARC, RRF-S and LPC) applies to all Service Areas

Monthly Per Line or Per Trunk*

Services	(D)				Business			
	(D)	(D)	(D)	(D)	Local Telecom Surchage	Carrier Access Recovery Charge	Regulatory Recovery Fee-State	Local Portability Charge
Single Line Local Exchange Svc.	(D)	(D)	(D)	(D)	\$5.00	\$4.50	\$4.99 (I)	\$1.99 (I)
Multi-line Local Exchange Svc.	(D)	(D)	(D)	(D)	\$5.00	\$4.50	\$4.99 (I)	\$1.99 (I)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ISDN BRI	(D)	(D)	(D)	(D)	\$5.00	\$4.50	\$4.99 (I)	\$1.99 (I)
ISDN PRI (rates per svc.)	(D)	(D)	(D)	(D)	-	\$22.50	\$24.95 (I)	\$89.55 (I)
Foreign Exchange-Single Line	(D)	(D)	(D)	(D)	5.00	\$4.50	\$4.99 (I)	\$1.99 (I)
Foreign Exchange-Multi-Line	(D)	(D)	(D)	(D)	\$5.00	\$4.50	\$4.99 (I)	\$1.99 (I)
Remote Call Forward	(D)	(D)	(D)	(D)	\$5.00	-	\$4.99 (I)	\$1.99 (I)
Centrex	(D)	(D)	(D)	(D)	\$5.00	\$4.50	\$4.99 (I)	\$1.99 (I)
Trunks	(D)	(D)	(D)	(D)	\$5.00	\$4.50	\$4.99 (I)	\$17.91 (I)
T-1/Digital PBX (rates per svc.)	(D)	(D)	(D)	(D)	-	\$22.50	\$24.95 (I)	\$89.55 (I)

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4 RATES AND CHARGES (cont'd)

4.4 Local Exchange Services (cont'd)

4.4.72 End User Port Charge Rate Table

Monthly Per Line or Per Trunk*

Services	End User Port Charge	
	(D)	Business
Single Line Local Exchange Svc.	(D)	-
Multi-line Local Exchange Svc.	(D)	-
(D)	(D)	(D)
ISDN BRI	(D)	\$1.52
ISDN PRI (rates per svc.)	(D)	\$23.43
Foreign Exchange–Single Line	(D)	-
Foreign Exchange–Multi-Line	(D)	-
Remote Call Forward	(D)	-
Centrex	(D)	-
Trunks	(D)	\$0.70
T-1/Digital PBX (rates per svc.)	(D)	\$16.80

*Unless otherwise noted

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Aberdeen	Aberdeen, Bel Air, Churchville, Darlington, Edgewood, Fallston, Havre de Grace, Perryville and Port Deposit exchanges, and the Fork zone.	B,B2
Annapolis	Annapolis, Crofton, Millersville, Odenton, Sherwood Forest and West River exchanges, and the Armiger-Gibson Island, Brooklyn Park-Linthicum, Glen Burnie, Severn and Severna Park zones.	B,B2
Arbutus BMEA Zone	All zones of the BMEA and the Columbia and Sykesville exchanges.	A,A1
Armiger Gibson Island BMEA Zone	All zones of the BMEA and the Annapolis exchange	A,A1
Ashton 236 LATA	Ashton 236, Ashton 238, Columbia, Damascus 236, Damascus 240, Gaithersburg, Glenwood, Laurel 236 and Laurel 238 exchanges, and the Berwyn 236, Berwyn 238, Bethesda, Hyattsville, Kensington, Layhill, Rockville, Silver Spring and Washington, D.C., zones.	A,A2

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Ashton 238 LATA	Ashton 236, Ashton 238, Ellicott City, Columbia, Damascus 236, Damascus 240, Gaithersburg, Glenwood, Laurel 236 and Laurel 238 exchanges, and the Berwyn 236, Berwyn 238, Bethesda, Hyattsville, Kensington, Layhill, Rockville, Silver Spring and Washington, D.C., zones.	A,A2
Baltimore BMEA Zone	All zones of the BMEA and the Columbia, Fallston, Sparks-Glencoe, Sykesville and Worthington exchanges.	A,A1
Bel Air	Bel Air, Aberdeen, Cardiff, Churchville, Darlington, Edgewood, Fallston, Havre de Grace and Jarrettsville exchanges, and the Fork, Parkville and Towson zones	B,B2
Berlin	Berlin, Bishopville, Ocean City, Pocomoke, Salisbury, Snow Hill and Willards.	B,B2
Berwyn 236 LATA WMEA Zone 13	All zones of the WMEA and the Ashton 236, Ashton 238, Columbia, Crofton, Laurel 236, Laurel 238, Waterloo 236 exchanges.	A,A2
Berwyn 238 LATA WMEA Zone 13	All zones of the WMEA and the Ashton 236, Ashton 238, Columbia, Crofton, Laurel 236 and Laurel 238 exchanges.	A,A2

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Bethesda WMEA Zone 2	All zones of the WMEA and the Ashton 236, Ashton 238, Damascus 236, Damascus 240, Gaithersburg, Laurel 236 and Laurel 238 exchanges.	A,A2
Bishopville	Bishopville, Berlin, Ocean City, Salisbury, Selbyville, Del., Snow Hill and Willards.	B,B2
Bittinger	Bittinger, Friendsville-Accident, Grantsville, Lonaconing, Oakland, and Westernport.	B,B1
Bowie-Glenn Dale 236 LATA WMEA Zone 14	All zones of the WMEA and the Crofton, Laurel 236, Laurel 238, Millersville, Odenton and West River exchanges.	A,A2
Bowie-Glenn Dale 238 LATA WMEA Zone 14	All zones of the WMEA and the Crofton, Laurel 236, Laurel 238, Millersville, Odenton, Severn, Severna Park and West River exchanges.	A,A2
Brandywine	Brandywine, Hughesville and Waldorf exchanges, and the Capitol Heights, Clinton, Marlboro 236, Marlboro 238 and Oxon Hill zones.	B,B2

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4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Brooklyn Park-Linthicum BMEA Zone	All zones of the BMEA and the Annapolis, Columbia, Millersville, Odenton, Sherwood Forest and Sykesville exchanges.	A,A1
Brunswick	Brunswick, Buckeystown, Frederick, Keedysville and Middletown.	B,B2
Buckeystown	Buckeystown, Brunswick, Frederick, New Market and Poolesville	B,B1
Cambridge	Cambridge, Hurlock, Oxford, St. Michaels, Tilghman, Trappe, Vienna and Wingate.	B,B1
Capitol Heights WMEA Zone 5	All zones of the WMEA and the Brandywine, Indian Head, Laurel 236, Laurel 238, Waldorf and West River exchanges.	A,A2
Cardiff	Bel Air, Cardiff, Darlington, Delta, Pa., Fawn Grove, Pa., Jarrettsville and Port Deposit,	B,B1
Catonsville BMEA Zone	All zones of the BMEA and the Columbia, Glenwood, Laurel 236, Laurel 238 and Sykesville exchanges.	A,A1
Cecilton	Cecilton, Chesapeake City, Elkton, Galena, Still Pond and Warwick.	B,B1

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4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Centreville	Centreville, Chestertown, Church Hill, Easton, Greensboro, Hillsboro, Queenstown, Ridgely, Rock Hall, Stevensville and Sudlersville.	B,B1
Chase BMEA Zone	All zone of the BMEA and the Edgewood exchange.	A,A1
Chesapeake City	Cecilton, Chesapeake City, Elkton and Warwick.	B,B1
Chestertown	Centerville, Chestertown, Church Hill, Galena, Millington, Rock	B.B1
Church Hill	Centerville, Chestertown, Church Hill, Millington and Sudlersville.	B,B1
Churchville	Aberdeen, Bel Air, Churchville, Darlington, Edgewood, Fallston, and Havre de Grace.	B,B1
Clear Spring	Clear Spring, Hagerstown, Hancock and Williamsport.	B,B1
Clinton WMEA Zone 16	All zones of the WMEA and the Brandywine and Waldorf exchanges.	A,A2
Cockeysville BMEA Zone	All zones of the BMEA and the Hampstead, Jarretts-Jarrettsville, Parkton, Sparks-Glencoe, Sykesville and Worthington exchanges.	A,A1

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4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Columbia	Ashton 236, Ashton 238, Columbia, Glenwood, Laurel 236 and Laurel 238 exchanges and the Arbutus, Baltimore, Berwyn 236, Berwyn 238, Brooklyn Park-Linthicum, Catonsville, Elkridge, Ellicott City, Glen Burnie, Layhill, Pikesville, Randallstown, Silver Spring, Towson, Waterloo 236, Waterloo 238 and Woodlawn zones.	A,A1
Crisfield	Crisfield, Marion, Pocomoke, Princess Anne, Salisbury and Smith Island.	B,B2
Crofton	Annapolis, Crofton, Millersville, Odenton, Sherwood Forest and West River exchanges, and the Berwyn 236, Berwyn 238, Bowie-Glenn Dale 236, Bowie-Glenn Dale 238, Glen Burnie, Hyattsville, Severn and Severna Park zones.	B,B2
Cumberland	Cumberland, Flintstone-Oldtown, Frostburg, Grantsville, Hewitt, Pa., Lonaconing, McCoole, Mt. Savage, Ridgeley, W. Va., State Line, Pa., Wellersburg, Pa., and Westport.	B,B1
Damascus 236 LATA	Ashton 236, Ashton 238, Damascus 236, Damascus 240, Frederick, Gaithersburg, Glenwood, Mt. Airy and New Market exchanges, and the Bethesda, Kensington, Layhill, Rockville and Silver Spring zones.	A,A1

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4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Damascus 240 LATA	Ashton 236, Ashton 238, Damascus 236, Damascus 240, Frederick, Gaithersburg, Glenwood, Mt. Airy and New Market exchanges, and the Bethesda, Kensington, Layhill, Rockville and Silver Spring zones.	A,A1
Darlington	Aberdeen, Bel Air, Cardiff, Churchville, Darlington, Havre de Grace and Port Deposit.	B,B1
Deal Island	Deal Island, Nanticoke, Princess Anne, Salisbury, Smith Island and Vienna.	B,B2
Delmar	Delmar, Del., Delmar, Md., Laurel 236, Laurel 238, Del., Nanticoke, Salisbury, Sharptown and Willards.	B,B1
Denton	Denton, Easton, Federalsburg, Greensboro, Hillsboro, Preston and Ridgely.	B,B1
Dundalk BMEA Zone	All zones of the BMEA and the Edgewood exchange.	A,A1
Easton	Centreville, Denton, Easton, Federalsburg, Greensboro, Hillsboro, Oxford, Preston, Queenstown, Ridgely, St. Michaels, Stevensville, Tilghman and Trappe.	B,B1

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4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Edgewood	Aberdeen, Bel Air, Churchville, Edgewood, Fallston and Havre de Grace exchanges, and the Chase, Dundalk, Essex, Fork, Parkville, Sparrows Point and Towson zones.	B,B2
Elkridge BMEA Zone	All zones of the BMEA and the Columbia, Laurel 236, Laurel 238, Odenton and Sykesville exchanges.	A,A1
Elkton	Cecilton, Chesapeake City, Elkton, North East, Perryville, Port Deposit and Warwick.	B,B1
Ellicott City BMEA Zone	All zones of the BMEA and the Ashton 238, Columbia, Glenwood, Laurel 236, Laurel 238 and Sykesville exchanges.	A,A1
Emmitsburg	Emmitsburg, Fairfield, Pa., Frederick, Highfield and Thurmot.	B,B2
Essex BMEA Zone	All zones of the BMEA and the Edgewood exchange.	A,A1
Fallston	Aberdeen, Bel Air, Churchville, Edgewood, Fallston, Havre de Grace and Jarrettsville exchanges, and the Baltimore, Fork, Parkville and Towson zones.	A,A1

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Federalsburg	Denton, Easton, Federalsburg, Hurlock, Preston and Sharptown.	B,B1
Flintstone-Oldtown	Cumberland, Flintstone-Oldtown, Hancock, Hewitt, Pa., Ridgely, W. Va., and State Line, Pa.	B,B1
Fork BMEA Zone	All zones of the BMEA and the Aberdeen, Bel Air, Edgewood, Fallston, Jarrettsville and Sparks-Glencoe exchanges.	A,A1
Frederick	Brunswick, Buckeystown, Damascus 236, Damascus 240, Emmitsburg, Frederick, Middletown, Mt. Airy, Myersville, New Market, Thurmont, Union Bridge and Walkersville.	B,B2
Friendsville-Accident	Bittinger, Friendsville-Accident, Grantsville and Oakland	B,B1
Frostburg	Cumberland, Frostburg, Grantsville, Lonaconing, Mt. Savage and Wellersburg, Pa.	B,B1
Gaithersburg	Ashton 236, Ashton 238, Damascus 236, Damascus 240, Gaithersburg and Poolesville exchanges and the Bethesda, Kensington, Layhill, Rockville, Silver Spring and Washington, D.C., zones.	A,A1

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4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Galena	Cecilton, Chestertown, Galena, Millington, Still Pond and Warwick.	B,B1
Glen Burnie Zone	All zones of the BMEA and the Annapolis, Columbia, Crofton, Laurel 236, Laurel 238, Millersville, Odenton, Sherwood Forest and Sykesville exchanges.	A,A1
Glenwood	Ashton 236, Ashton 238, Columbia, Damascus 236, Damascus 240, Glenwood, Mt. Airy and Sykesville exchanges and the Catonsville, Ellicott City, and Woodlawn zones.	B,B2
Grantsville	Bittinger, Cumberland, Friendsville-Accident, Frostburg, Grantsville, Lonaconing, Mt. Savage and Salisbury, Pa.	B,B1
Greensboro	Centerville, Denton, Easton, Greensboro, Hillsboro, Ridgely and Sudlersville.	B,B1
Hagerstown	Clear Spring, Hagerstown, Hancock, Keedysville, Falling Waters, W.Va., Myersville, Smithsburg and Williamsport.	B,B1
Hampstead	Hampstead, Parkton, Silver Run, Sparks-Glencoe, Westminster and Worthington exchanges, and the Cockeyville, Pikesville, Reisterstown, Towson zones.	B,B2

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4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Hancock	Berkeley Springs, W. Va., Clear Spring, Flintstone-Oldtown, Hagerstown, Hancock, Needmore, Pa., and Warfordsburg, Pa.	B,B2
Havre de Grace	Aberdeen, Bel Air, Churchville, Darlington, Edgewood, Fallston, Havre de Grace, Perryville and Port Deposit.	B,B1
Highfield	Blue Ridge Summit, Pa., Emmitsburg, Highfield, Myersville, Smithsburg, Thurmont and Waynesboro, Pa.	B,B1
Hillsboro	Centreville, Denton, Easton, Greensboro, Hillsboro, Ridgely and Queenstown.	B,B1
Hughesville	Brandywine, Hughesville, La Plata, Mechanicsville, Tompkinsville and Waldorf.	B,B1
Hurlock	Cambridge, Federalsburg, Hurlock, Preston, Sharptown, Trappe and Vienna.	B,B1
Hyattsville WMEA Zone 4	All zones of the WMEA and the Ashton 236, Ashton 238, Crofton, Laurel 236, Laurel 238 and West River exchanges.	A,A2

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Indian Head	Indian Head, La Plata, Nanjemoy and Waldorf exchanges, and the Capitol Heights and Oxon Hill zones.	B,B2
Jarrettsville	Bel Air, Cardiff, Fallston, Jarrettsville, Parkton and Sparks-Glencoe exchanges, and the Cockeysville, Fork, Parkville and Towson zones. Further, the Stewartstown, Pa., and Fawn Grove, Pa., exchanges are included in the exchange area of dial tone lines of the Jarrettsville Exchange bearing the central office designation 941, which is no longer offered and will be provided only to existing customers at the same location.	B,B2
Keedysville	Brunswick, Hagerstown, Keedysville, Middletown, Myersville and Williamsport.	B,B2
Kensington WMEA Zone 11	All zones of the WMEA and the Ashton 236, Ashton 238, Damascus 236, Damascus 240, Gaithersburg, Laurel 236 and Laurel 238 exchanges.	A,A2
Kitzmilller	Elk Garden, W. Va., Kitzmilller, Oakland and Westernport.	B,B1

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
La Plata	Hughesville, Indian Head, La Plata, Mechanicsville, Nanjemoy, Tomkinsville and Waldorf.	B,B1
Laurel 236 LATA	Ashton 236, Ashton 238, Columbia, Laurel 236, Laurel 238, Millersville and Odenton exchanges, and the Berwyn 236, Berwyn 238, Bethesda, Bowie-Glenn Dale 236, Bowie-Glenn Dale 238, CapitolHeights, Catonsville, Elkridge, Ellicott City, Glen Burnie, Hyattsville, Kensington, Layhill, Marlboro 236, Marlboro 238, Severn, Silver Spring, Washington, D.C., and Waterloo 236, Waterloo 238 zones.	A,A2
Laurel 238 LATA	Ashton 236, Ashton 238, Columbia, Laurel 236, Laurel 238, Millersville and Odenton exchanges, and the Berwyn 236, Berwyn 238, Bethesda, Bowie-Glenn Dale 236, Bowie-Glenn Dale 238, CapitolHeights, Catonsville, Elkridge, Ellicott City, Glen Burnie, Hyattsville, Kensington, Layhill, Marlboro 236, Marlboro 238, Severn, Silver Spring, Washington, D.C., and Waterloo 236, Waterloo 238 zones.	A,A2
Layhill WMEA Zone 12	All zones of the WMEA and the Ashton 236, Ashton 238, Columbia, Damascus 236, Damascus 240, Gaithersburg, Laurel 236 and Laurel 238 exchanges.	A,A2

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Leonardtown	Leonardtown, Lexington Park-Great Mills, Mechanicsville, Ridge and Tompkinsville.	B,B1
Lexington Park-Great Mills	Leonardtown, Lexington Park-Great Mills, Mechanicsville, Ridge and Solomons.	B,B1
Lonaconing	Bittinger, Cumberland, Frostburg, Grantsville, Lonaconing, McCoole, and Westernport.	B,B1
Marion	Crisfield, Marion, Pocomoke, Princess Anne and Salisbury.	B,B2
Marlboro 236 LATA WMEA Zone 15	All zones of the WMEA and the Brandywine, Laurel 236, Laurel 238, North Beach and West River Exchanges.	A,A2
Marlboro 238 LATA WMEA Zone 15	All zones of the WMEA and the Brandywine, Laurel 236, Laurel 238, North Beach and West River Exchanges.	A,A2
McCoole	Cumberland, Keyser, W. Va., Lonaconing, McCoole, Piedmont, W. Va., and Westernport.	B,B1

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4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Mechanicsville	Hughesville, La Plata, Leonardtown, Lexington Park-Great Mills, Mechanicsville and Tompkinsville.	B,B1
Middletown	Brunswick, Frederick, Keedysville, Middletown and Myersville.	B,B1
Millersville	Annapolis, Crofton, Laurel 236, Laurel 238, Millersville, Odenton and Sherwood Forest exchanges, and the Bowie-Glenn Dale 236, Bowie-Glenn Dale 238, Brooklyn Park-Linthicum, Glen Burnie, Severn, Severna Park, Waterloo 236 and Waterloo 238 zones.	B,B2
Millington	Chestertown, Church Hill, Galena, Millington, Still Pond, Sudlersville, and Warwick.	B,B1
Mt. Airy	Damascus 236, Damascus 240, Frederick, Glenwood, Mt. Airy, New market and Sykesville.	B,B2
Mt. Savage	Cumberland, Frostburg, Grantsville, Mt. Savage and Wellersburg, Pa.	B,B1
Myersville	Frederick, Hagerstown, Highfield, Keedysville, Middletown, Myersville, Smithsburg and Thurmont.	B,B2
Nanjemoy	Indian Head, La Plata, Nanjemoy and Waldorf.	B,B1

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4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Nanticoke	Deal Island, Delmar, Nanticoke, Princess Anne, Salisbury and Vienna.	B,B1
New Market	Buckeystown, Damascus 236, Damascus 240, Frederick, Mt. Airy and New Market.	B,B1
New Windsor	New Windsor, Sykesville, Union Bridge and Westminster.	B,B1
North Beach	North Beach, Prince Frederick, Solomons and West River exchanges and the Marlboro 236 and Marlboro 238 zone.	B,B1
North East	Elkton, North East, Perryville and Port Deposit.	B,B1
Oakland	Bittinger, Friendsville-Accident, Gormanian, W. Va., Kitzmiller, Oakland and Westernport.	B,B1
Ocean City	Berlin, Bishopville, Ocean City, Salisbury, Snow Hill and Willards.	B,B2

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Odenton	Annapolis, Crofton, Laurel 236, Laurel 238, Millersville, Odenton and Sherwood Forest exchanges, and the Bowie-Glenn Dale 236, Bowie-Glenn Dale 238, Brooklyn Park-Linthicum, Elkridge, Glen Burnie, Severn, Severna Park, Waterloo 236 and Waterloo 238 zones.	B,B2
Oxford	Cambridge, Easton, Oxford, St. Michaels and Trappe.	B,B1
Oxon Hill Zone	All zones of the WMEA and the Brandywine, Indian Head and Waldorf exchanges.	A,A2
Parkton	Hampstead, Jarrettsville, Parkton and Sparks-Glencoe exchanges, and the Cockeysville and Towson zones.	B,B2
Parkville BMEA Zone	All zones of BMEA and the Bel Air, Edgewood, Fallston, Jarrettsville and Sparks-Glencoe exchanges.	A,A1
Perryville	Aberdeen, Elkton, Havre de Grace, North East, Perryville and Port Deposit.	B,B1

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Pikesville BMEA Zone	All zones of the BMEA and the Columbia, Hampstead, Sykesville, Westminster and Worthington exchanges.	A,A1
Pocomoke	Berlin, Crisfield, Marion, Pocomoke, Princess Anne, Salisbury, Snow Hill and Temperanceville, Va.	B,B2
Poolesville	Buckeystown, Gaithersburg and Poolesville exchanges and the Rockville zone.	B,B2
Port Deposit	Aberdeen, Cardiff, Darlington, Elkton, Havre de Grace, North East, Perryville and Port Deposit.	B,B1
Preston	Denton, Easton, Federalsburg, Hurlock, Preston and Trappe.	B,B1
Prince Frederick	North Beach, Prince Frederick and Solomons.	B,B1
Princess Anne	Crisfield, Deal Island, Marion, Nanticoke, Pocomoke, Princess Anne, Salisbury, Smith Island and Snow Hill.	B,B1
Queenstown	Centreville, Easton, Hillsboro, Queenstown, Rock Hall, St. Michaels and Stevensville.	B,B1

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4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange Zones Included	Rate Group
Randallstown BMEA Zone	All zones of the BMEA and the Columbia, Sykes-Sykesville and Worthington exchanges.	A,A1
Reisterstown BMEA Zone	All zones of the BMEA and the Hampstead, Sparks-Glencoe, Sykesville, Westminster and Worthington exchanges.	A,A1
Ridge	Leonardtwn, Lexington Park-Great Mills and Ridge.	B,B1
Ridgely	Centreville, Denton, Easton, Greensboro, Hillsboro and Ridgely.	B,B1
Rock Hall	Centreville, Chestertown, Queenstown, Rock Hall, and Stevensville	B,B1
Rockville WMEA Zone 10	All zones of the WMEA and the Ashton 236, Ashton 238, Damascus 236, Damascus 240, Gaithersburg and Poolesville exchanges.	A,A2
Salisbury	Berlin, Bishopville, Crisfield, Deal Island, Delmar, Del., Delmar, Md., Marion, Nanticoke, Ocean City, Pocomoke, Princess Anne, Salisbury, Sharptown, Snow Hill, Vienna and Willards.	B,B2
Severn BMEA Zone	All zones of the BMEA and the Annapolis, Bowie-Glenn Dale 238, Crofton, Laurel 236, Laurel 238, Millersville, Odenton and Sherwood Forest exchanges.	A,A1

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Severna Park BMEA Zone	All zones of the BMEA and the Annapolis, Bowie-Glenn Dale 238, Crofton, Millersville, Odenton and Sherwood Forest exchanges.	A,A1
Sharptown	Delmar, Del., Delmar, Md., Federalsburg, Hurlock, Salisbury, Sharptown and Vienna.	B,B1
Sherwood Forest	Annapolis, Crofton, Millersville, Odenton and Sherwood Forest exchanges and the Brooklyn Park-Linthicum, Glen Burnie, Severn and Severna Park zones.	B,B2
Silver Run	Hampstead, Littlestown, Pa., Silver Run, Taneytown and Westminster.	B,B1
Silver Spring WMEA Zone 3	All zones of the WMEA and the Ashton 236, Ashton 238, Columbia, Damascus 236, Damascus 240, Gaithersburg, Laurel 236 and Laurel 238 exchanges.	A,A2
Smith Island	Crisfield, Deal Island, Princess Anne and Smith Island.	B,B1
Smithsburg	Hagerstown, Highfield, Myersville and Smithsburg.	B,B1

4 RATES AND CHARGES (cont'd)

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4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Snow Hill	Berlin, Bishopville, Ocean City, Pocomoke, Princess Anne, Salisbury, Snow Hill and Willards.	B,B2
Solomons	Lexington Park - Great Mills, North Beach, Prince Frederick and Solomons.	B,B1
Sparks-Glencoe	Hampstead, Jarrettsville, Parkton, Sparks-Glencoe and Worthington exchanges, and the Baltimore, Cockeysville, Fork, Parkville, Reisterstown and Towson zones.	A,A1
Sparrows Point BMEA Zone	All zones of the BMEA and the Edgewood exchange.	A,A1
St. Michaels	Cambridge, Easton, Oxford, Queenstown, St. Michaels, Stevensville and Tilghman.	B,B1
Stevensville	Centreville, Easton, Queenstown, Rock Hall, St. Michaels and Stevensville.	B,B1
Still Pond	Cecilton, Chestertown, Galena, Millington and Still Pond.	B,B1
Sudlersville	Centreville, Chestertown, Church Hill, Greensboro, Millington and Sudlersville.	B,B1

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Sykesville	Glenwood, Mt. Airy, New Windsor, Sykesville and Westminster exchanges, and the Arbutus, Baltimore, Brooklyn Park-Linthicum, Catonsville, Cockeysville, Elkridge, Ellicott City, Glen Burnie, Pikesville, Randallstown, Reisterstown, Towson and Woodlawn zones.	A,A1
Taneytown	Silver Run, Taneytown, Union Bridge and Westminster.	B,B1
Thurmont	Emmitsburg, Frederick, Highfield, Myersville, Thurmont and Walkersville.	B,B2
Tilghman	Cambridge, Easton, St. Michaels and Tilghman.	B,B1
Tompkinsville	Hughesville, La Plata, Leonardtown, Mechanicsville, Tompkinsville and Waldorf.	B,B2
Towson Zone	All zones of the BMEA and the Bel Air, Columbia, Edgewood, Fallston, Hampstead, Jarrettsville, Parkton, Sparks-Glencoe, Sykesville, Westminster and Worthington exchanges.	A,A1
Trappe	Cambridge, Easton, Hurlock, Oxford, Preston and Trappe.	B,B1
Union Bridge	Frederick, New Windsor, Taneytown, Union Bridge and Westminster.	B,B2

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Vienna	Cambridge, Deal Island, Hurlock, Nanticoke, Salisbury, Sharptown, Vienna and Wingate.	B,B1
Waldorf	Brandywine, Hughesville, Indian Head, La Plata, Nanjemoy, Tompkinsville and Waldorf exchanges, and the Capitol Heights, Clinton and Oxon Hill zones.	B,B2
Walkersville	Frederick, Thurmont and Walkersville.	B,B1
Warwick	Cecilton, Chesapeake City, Elkton, Galena, Middletown, Del., Millington and Warwick.	B,B1
Waterloo 236 LATA BMEA Zone	All zones of the BMEA, and the Berwyn 236, Columbia, Laurel 236, Laurel 238, Millersville and Odenton exchanges.	A,A1
Waterloo 238 LATA BMEA Zone	All zones of the BMEA, and the Columbia, Laurel 236, Laurel 238, Millersville and Odenton exchanges.	A,A1
West River	Annapolis, Crofton, North Beach and West River exchanges and the Bowie-Glenn Dale 236, Bowie-Glenn Dale 238, Capitol Heights, Hyattsville, Marlboro 236 and Marlboro 238 zones.	A,A1
Westernport	Bittinger, Cumberland, Keyser, W. Va., Kitzmiller, Lonaconing, McCoole, Oakland, Piedmont, W. Va., and Westernport.	B,B2

4 RATES AND CHARGES (cont'd)

4.5 Exchange Service Areas (cont'd)

Exchange	Exchange and Zones Included	Rate Group
Westernport	Bittinger, Cumberland, Keyser, W. Va., Kitzmiller, Lonaconing, McCooles, Oakland, Piedmont, W. Va., and Westernport.	B,B2
Westminster	Hampstead, New Windsor, Silver Run, Sykesville, Taneytown, Union Bridge, Westminster and Worthington exchanges, and the Pikesville, Reisterstown and Towson zones.	B,B2
Willards	Berlin, Bishopville, Delmar, Ocean City, Salisbury, Snow Hill and Willards.	B,B2
Williamsport	Clear Spring, Hagerstown, Falling Waters, W.Va., Keedysville and Williamsport.	B,B1
Wingate	Cambridge, Vienna and Wingate	B,B1
Woodlawn BMEA Zone	All zones of the BMEA and the Columbia, Glenwood and Sykesville exchanges.	A,A1
Worthington	Hampstead, Sparks-Glencoe, Westminster and Worthington exchanges, and the Baltimore, Cockeysville, Pikesville, Randallstown, Reisterstown and Towson zones.	A,A1

5 INTRALATA TOLL PRESUBSCRIPTION

5.1 General

IntraLATA toll presubscription is a procedure whereby an end user or Pay Telephone Service Provider may select and designate an IntraLATA Toll Provider (“ITP”) to access IntraLATA toll calls without dialing an access code. The end user or Pay Telephone Service Provider may designate an ITP for IntraLATA toll, a different carrier for InterLATA toll, or the same carrier for both. This ITP is referred to as the end user or Pay Telephone Service Provider preferred IntraLATA toll provider.

Each carrier will have one or more access codes assigned to it for various types of service. When an end user of Pay Telephone Service Provider selects a carrier as its preferred IntraLATA toll provider, only one access code of that carrier may be incorporated into the switching system of the Telephone Company permitting access to that carrier by the end user or Pay Telephone Service Provider without dialing an access code. Should the same end user or Pay Telephone Service Provider wish to use other services of the same carrier, it will be necessary for the end user or Pay Telephone Service Provider to dial the necessary access code(s) to reach that carrier’s other service(s).

An ITP must use Feature Group D (“FGD”) Switched Access Service to qualify as an IntraLATA toll provider. All ITPs must submit a Letter of Intent (“LOI”) to the Telephone Company at least twenty days prior to the IntraLATA toll-presubscription-conversion date or, if later, forty-five days prior to the date on which the carrier proposed to begin participating in IntraLATA toll presubscription.

Selection of an ITP by an end user or Pay Telephone Service Provider is subject to the terms and conditions in Section 5.2.

5.2 Presubscription Charge Application

5.2.1 Initial Free Presubscription Choice for New Users

New end users (including an existing customer who orders an additional line) or Pay Telephone Service Providers who subscribe to service after the presubscription implementation date will be asked to select a primary ITP when they place an order for Telephone Company Exchange Service. If a customer cannot decide upon an IntraLATA toll carrier at the time, the customer will have thirty days following completion of the service request

5 INTRALATA TOLL PRESUBSCRIPTION (cont'd)

5.2 Presubscription Charge Application (cont'd)

5.2.1 (cont'd)

to make an IntraLATA PIC choice without charge. In the interim, the customer will be assigned a "No-PIC" and will have to dial an access code to make IntraLATA toll calls. The free selection period available to new end users or Pay Telephone Service Providers is the period within thirty days of installation of the new service. Initial free selections available to new end user or Pay Telephone Service Providers are:

1. Designating an ITP as their primary carrier, thereby requiring no access code to access that ITP's service. Other carriers are accessed by dialing 101-XXXX or other required codes.
2. Choosing no carrier as a primary carrier, thus requiring 101-XXXX code dialing to access all ITPs. This choice can be made by directly contacting the Telephone Company.
3. Following a new end user's or Pay Telephone Service Provider's free selections, any change made more than 30-days after presubscription is implemented is subject to a nonrecurring charge, as set forth in 5.7.1 following.

5.2.2 Charge for IntraLATA Toll Presubscription

After expiration of the initial free presubscription choice period for new customers, as specified above, or existing customers, the end user or ITP will be assessed an IntraLATA Toll presubscription charge as specified in 5.7.1.

5.2.3 Cancellation of IntraLATA Toll Presubscription by an ITP

If an ITP elects to discontinue Feature Group D service after implementation of the IntraLATA toll presubscription option, the ITP is obligated to contact, in writing, all end users or Pay Telephone Service Providers who have selected the canceling ITP as their preferred IntraLATA toll provider. The ITP must inform the end users or Pay Telephone Service Providers that it is canceling its Feature Group D service, request that the end user select a new ITP and state that the canceling ITP will pay the PIC change charge. The ITP must provide written notification to COMPANY that this activity has taken place.

5 INTRALATA TOLL PRESUBSCRIPTION (cont'd)

5.3 End User/Pay Telephone Service Provider Charge Discrepancy ("Anti-Slamming Measure")

- 5.3.1 When a discrepancy is determined regarding an end user's designation of a preferred IntraLATA toll carrier, the following applies depending upon the situation described:

A signed letter of authorization takes precedence over any order other than subsequent, direct customer contact with the Telephone Company.

When two or more orders are received for an end user line generated by telemarketing, the date field on the mechanized record used to transmit PIC change information will be used as the PIC authorization date. The order with the latest application date determines customer choice.

5.3.2 Verification of Orders for Telemarketing

No ITP shall submit to the Telephone Company a PIC change order generated by outbound telemarketing unless, and until, the order has first been conformed in accordance with the following procedures:

- 5.3.2.1 The ITP has obtained the customer's written authorization to submit the order that explains what occurs when a PIC is changed and confirms:

5.3.2.1.A The customer's billing name and address and each telephone number to be covered by the PIC change order;

5.3.2.1.B The decision to change the PIC to the ITP; and

5.3.2.1.C The customer's understanding of the PIC change fee; or

- 5.3.2.2 The ITP has obtained the customer's electronic authorization, placed from the telephone number(s) on which the PIC is to be changed, to submit the order that confirms the information described in 5.3.2.1 preceding to confirm the authorization; or

5 INTRALATA TOLL PRESUBSCRIPTION (cont'd)

5.3 End User/Pay Telephone Service Provider Charge Discrepancy ("Anti-Slamming Measure") (cont'd)

5.3.2.3 An appropriately qualified and independent third party operating in a location physically separate from the outbound telemarketing representative has obtained the customer's oral authorization to submit the PIC change order that confirms and includes appropriate verification date (e.g., the customer's date of birth or social security number).

5.3.3 The Company will follow the Federal Communications Commission's and the Maryland Public Service Commission's (if issued) regulations regarding slamming. The Company will not impose a penalty or charge for unauthorized IntraLATA toll provider changes.

5.3.4 The customer owns the exclusive right to select the PIC of their choice, and may choose to migrate from one carrier to another at any time. There is no reason a carrier may refuse to release a customer who has stated their intent to select a different carrier.

5.4 PIC Switchback Options

5.4.1 Customer denies requesting change of ITP.

When the Telephone Company is contacted by an end user who denies requesting a change in ITP primary IC, the end user will be credited the charge assessed for the disputed change in carrier, and will be switched back to the previous ITP at no charge.

The ITP is in no way relieved of the FCC requirements for:

5.4.1.1 Verifying all PIC orders obtained by outbound telemarketing prior to submitting those orders, or

5 INTRALATA TOLL PRESUBSCRIPTION (cont'd)

5.4 PIC Switchback Options (cont'd)

5.4.1.2 Instituting steps to obtain verification of orders submitted to the Company. In addition, the end user has the option of initiating a complaint to the FCC or the Public Service Commission concerning unauthorized changes in carrier. The complaint may be issued in writing to the Maryland Public Service Commission, 16th Floor, 6 St. Paul Street, Baltimore, MD 21202, or by calling toll free on 1-800-492-0474 or by calling the office of External Relations on 410-767-8028.

5.4.2 Customer requests Switchback to Previous ITP PIC.

When the Telephone Company is notified via a call from the customer, where the end user is not denying the authenticity of the most recent change to the current PIC, the Telephone Company will change the customers ITP to the previous PIC. The customer will be billed the PIC charge as specified in 5.7.2.

5.5 IntraLATA Preferred Carrier Freeze Selection

The Company will offer a preferred carrier freeze option to all customers on a nondiscriminatory basis regardless of the customer's carrier selection at no charge to the end user. The preferred carrier freeze option prevents a change in the end-user's IntraLATA toll provider unless the end users request a change in carrier.

End users may request a preferred carrier freeze on their IntraLATA toll service as a means of protection from unauthorized IntraLATA PIC changes. The Company will only accept preferred carriers freezes either orally or in writing from end users. The preferred carrier freeze will be offered on a per line basis.

The Federal Communications Commission and the Maryland Public Service Commission accepted the use of three-way calls to remove PIC freezes when the customer's IntraLATA toll presubscription choice has been frozen. Carriers must still follow the verification procedures for PIC changes of the Federal Communications Commission (e.g., independent 3rd party verification, written letter of agency from customer, electronic authorization) and the Maryland Public Service Commission (if issued). The carriers will impose and/or lift preferred

5 INTRALATA TOLL PRESUBSCRIPTION (cont'd)

5.5 IntraLATA Preferred Carrier Freeze Selection (cont'd)

carrier freeze request in accordance with Chapter 1 of Title 47 of the Code of Federal Regulation, Section 64.1190

The customer owns the exclusive right to select the PIC freeze option on a per line basis, and may choose to unfreeze their PIC at any time in order to migrate from one carrier to another at any time. There is no reason a carrier may refuse to remove a PIC freeze from the line of a customer who has stated their intent to select a different carrier.

Marketing of PIC Freeze Option

The Company will not market the PIC freeze option to Customers within a 90-day period after implementation, i.e., 90 days following the Effective Date. However, the freeze option is available during that period on Customer request.

5.6 Informational Notice to Customers

The Company will provide written notification to customers of their IntraLATA presubscription options and rights within 30 days of subscribing for service.

5.7 Rates and Charges

- | | | |
|-------|--------------------------------------|--------|
| 5.7.1 | Charge for ITP Carrier Change | \$5.00 |
| 5.7.2 | Charge for Switchback Carrier Change | \$5.00 |

6 CHANNEL SERVICES

6.1 Regulations for Channel Services

6.1 Definitions

Bit

A bit is the smallest unit of information in the binary system of notation.

Channel

A channel is a path, for electrical communication, between two or more points furnished by means of any type facilities over any route the Telephone Company may elect to use.

Channel Mileage

Channel mileage provides for the transmission facilities between the serving wire centers associated with two customer-designated premises.

Channel Terminal

A channel terminal is that portion of a channel service required to connect an interexchange channel in a rate center or an interoffice channel in a wire center.

Channel Termination

A channel termination provides for the communications path between a customer-designated premises and the serving wire center of that premises.

Duplex Service

Duplex service is service which provides for simultaneous transmission in both directions.

Half-duplex Service

Half-duplex service is service which provides for transmission alternately in either direction, or for transmission in one direction only.

Interoffice Channel

An interoffice channel is that portion of an intraexchange Channel Service which connects local channels which service customer locations in different wire center serving areas.

6 CHANNEL SERVICES (cont'd)

6.1 Regulations for Channel Services (cont'd)

6.1 Definitions (cont'd)

Local Channel

Portion of a Channel Service required to connect a location to its serving wire center.

Service Terminal

A service terminal is the intraexchange portion of an interexchange service.

Service Point

A service point is the first connection of a channel in a building.

Station

A station is the point at which the network interface is located.

Station Terminal

A station terminal is that portion of a Channel Service required for connecting an interexchange channel to a station location.

Telephone Company

Metropolitan Telecommunications of Maryland LLC.

6.1.2 Classification of Channels

Channels are classified by Series and further classified within each Series by Types. The various Series and Types are described in terms of characteristics and use.

6.1.3 Scope

The Telephone Company has the overall responsibility for Channel Service up to and including the network interface. Service is furnished 24 hours per day, seven days per week.

6 CHANNEL SERVICES (cont'd)

6.1 Regulations for Channel Services (cont'd)

6.1.4 Provision of Facilities

Except as otherwise specified in this Price Guide, it is expressly declared that metallic channel facilities are in decreasing supply and the Telephone Company is not obligated to make such metallic facilities available. When a channel is used for data transmission which requires terminal equipment (data sets) located on the premises of the Telephone Company such terminal equipment must be provided by the Telephone Company as specified in this Company's General Services Price Guide, Section 6 for Central Office Data Sets.

6.1.5 Use of Customer's Service

Channel Service may be used as specified for use of service in this Company's General Regulations Price Guide and for the transmission of communications to, from, within and between air carriers, where the customer is an aeronautical communications company licensed under the Aviation Services rule of the Federal Communications Commission to operate stations in the aeronautical mobile and fixed services.

Certain Channel Services may be used for different types of transmission on an alternate use basis. Channel facilities furnished under this Price Guide may be used for other communication purposes for which they are suited, subject to the provisions stated below and to other provisions of the Price Guide sections under which the facilities are furnished.

- (1) The purpose or purposes for which the channel service is to be used must be made known to the Telephone Company prior to such use.
- (2) The frequency range, speed and other characteristics of signals transmitted must fall within those specified for the channel furnished.
- (3) In case one of the purposes for which the channel facilities are to be used requires a type of channel for which a higher rate applies than for the other purpose or purposes the higher channel rate applies, except as provided in (2) preceding.

6 CHANNEL SERVICES (cont'd)

6.1 Regulations for Channel Services (cont'd)

6.1.5 Use of Customer's Service (cont'd)

A channel may be used for different types of transmission simultaneously as provided in (1) and (2) following, in accordance with normal transmission characteristics of such channel. When used for the remote operation of a mobile radiotelephone system, it may be used simultaneously for voice communication and to transmit more than one tone in sequence or simultaneously for control purposes. When used for control, metering or signaling purposes, it may be used to transmit more than one tone in sequence or simultaneously for such purposes.

When Channel Service is arranged for joint use, the service may be used for the transmission of communications to or from the joint user and relating directly to the joint user's business.

Notwithstanding any other provision of this Price Guide, STS Providers and STS Patrons may receive the services offered under this Price Guide only pursuant to the terms and conditions specified in Section 2 of the Local Exchange Services Price Guide for Shared Tenant Services.

6.1.6 Obligations of the Customer

The customer shall be responsible for making Telephone Company facilities available for maintenance purposes at a time agreeable to both the Telephone Company and the customer. No allowance will be made for the period during which the service is interrupted for such purposes.

The service or any rights associated therewith may not be assigned or in any manner transferred.

The customer shall be responsible for specifying the type of channel and conditioning to meet his service requirements.

6.1.7 Allowance for Interruptions

When service is interrupted due to causes other than the negligence of the customer, or the failure of facilities furnished by the customer, a credit allowance will be made as set forth in a. through d. following for the portion of the service which is affected.

6 CHANNEL SERVICES (cont'd)

6.1 Regulations for Channel Services (cont'd)

6.1.7 Allowance for Interruptions (cont'd)

a. Series 1000 Type 1150, Series 3000, Series 4000, Series 6000 and Series 11000 Channels

No credit is allowed for interruptions to service of less than thirty minutes. On interruptions to service of thirty minutes or more, the customer is credited with the proportionate part of the monthly contract charge in half-hour multiples for each half-hour or major fraction thereof that the service is interrupted.

b. Series 5000 Channels

When service is interrupted for a period of two hours or more, credit is allowed for the portion of the service affected by the interruption, in hourly multiples for each hour or major fraction thereof of interruption as follows:

(1) For items other than Base Capacity, credit is allowed in the proportion that the period of interruption bears to the hours in a month.

(2) For each of the several types of Base Capacity, credit is computed separately for each two-point section affected.

(a) Where the Base Capacity is furnished for use as a single channel, credit is allowed as in (1) preceding.

(b) Where the Base Capacity is furnished for use as individual channels of lesser individual capacity:

If the equivalent voice grade channels interrupted in a section are less than 50 percent of the total equivalent voice grade channels arranged for use in the section, no credit is allowed.

For each of the several types of Base Capacity, credit is computed separately for each two-point section affected. If the equivalent voice grade channels interrupted in a section are 50 percent or more of the total equivalent voice grade channels arranged for use in the section, credit is allowed as in (1) preceding.

6 CHANNEL SERVICES (cont'd)

6.1 Regulations for Channel Services (cont'd)

6.1.7 Allowance for Interruptions (cont'd)

d. Digital Service (cont'd)

(2) Interruptions of Over 24 Hours (cont'd)

allowed for any period of 24 hours.

(3) Service Assurance Maintenance Guarantee

Service Assurance Maintenance Guarantee applies to Digital Data Service (DDS) and High Capacity Digital DS1 service. The Telephone Company will guarantee and credit a portion of the recurring charge for these services when the customer experiences an interruption of service of four consecutive hours or more, where the responsibility for the failure is solely that of the Telephone Company.

The Service Assurance Maintenance Guarantee credit may only apply to one occurrence of service interruption of four or more consecutive hours per month, per Digital Data Service (DDS) and High Capacity Digital Service. In the event that there is more than one service interruption of four or more hours on the same circuit, the Service Assurance Maintenance Guarantee does not apply to the subsequent interruptions. For multi-point circuits, the Service Assurance Maintenance Guarantee credit will apply to each leg of the circuit that experiences a service interruption. The Service Assurance Maintenance Guarantee credit is applied to the customer bill in addition to any existing credit allowances for DDS and DS1 services as long as it does not exceed the monthly charge.

The monthly charge will consist of all applicable rate elements charged to the circuit experiencing a service interruption. The Telephone Company will not be held responsible for and consequently will not provide a credit for service interruption in the following situations:

(a) Interruptions caused by the negligence of the customer.

(b) Interruptions of a service due to the failure of equipment or systems provided by the customer or others.

6 CHANNEL SERVICES (cont'd)

6.1 Regulations for Channel Services (cont'd)

6.1.7 Allowance for Interruptions (cont'd)

d. Digital Service (cont'd)

(3) Service Assurance Maintenance Guarantee (cont'd)

(c) Interruptions of a service during any period in which the Telephone Company is not afforded access to the premises where the service is terminated.

All credit allowances shall begin from the time of notice by the customer, provided the customer releases the service as requested by the Telephone Company to perform testing and maintenance. Any credit due the customer will be applied to the customer's monthly billing statement.

The credit amount will equal 50% of the monthly recurring charge for each leg of the circuit that experiences a service interruption.

6.1.8 Quality Assurance

Quality Assurance applies to Digital Data Service (DDS) and High Capacity Digital DS1 services. The Telephone Company will credit 100% of the nonrecurring charge for these services when the initial due dates are not met, and where the responsibility for the failure is solely that of the Telephone Company.

The Telephone Company will not be held responsible for and consequently will not provide credit for service due dates missed in the following situations:

- a. The customer requests expedited orders.
- b. Other Telephone Companies are involved in service installation.
- c. The customer's premises is inaccessible.
- d. The customer changes interface requirements.
- e. The customer is not ready to accept the service.
- f. Building facilities are not ready (including space, cable support structures, building risers and facilities to be provided by builder or owner's subcontracted vendors).
- g. The customer orders termination beyond the Network Interface.

6 CHANNEL SERVICES (cont'd)

6.1 Regulations for Channel Services (cont'd)

6.1.8 Quality Assurance (cont'd)

h. Service installation delays caused by work stoppages, civil disturbances, criminal actions; or by fire, flooding or other occurrence attributed to an Act of God.

i. Special Construction

Any credit due the customer as a result of the Telephone Company's failure to meet the initial due date, other than those reasons listed, will be credited to the customer's monthly billing statement.

6.1.9 Connections

a. Customer terminal equipment is connected with channel services of this Company as specified following in this Company's Price Guides. Channels are connected in a network interface. All terminal equipment and wiring necessary to connect to the channels at the network interface is provided by the customer.

b. When a channel is used for teletypewriter transmission such equipment must operate at a line signaling speed not to exceed that specified for the channel facilities furnished.

c. Channel Service, except Series 6000 and 11000, may be connected at the premises of the customer to a telecommunications network line to form a through connection. Such connection shall be through switching equipment provided by the customer.

d. Channel Service, except Series 4000 and 11000, furnished by the Telephone Company may be connected to another Channel furnished by the Telephone Company if the forms of electrical communication for which they are being used are the same.

e. All connections will be made through connecting arrangements or switching arrangements provided by the Telephone Company or through switching equipment provided by the customer.

6 CHANNEL SERVICES (cont'd)

6.1 Regulations for Channel Services (cont'd)

6.1.9 Connections (cont'd)

f. Series 3000, types 3120 or 3122 and Series 5000, types 5320 or 5322, Channels may be connected at a Principal Telephone Company Central Office to a DATAPHONE Digital Service, except service at a transmission speed of 56 kilobits per second. Such channels may be connected to such service by means of an Analog/Digital Adapter provided by the Telephone Company at the Principal Telephone Company Central Office where the connection is made.

g. A Digital Service furnished by the Telephone Company to a customer may be connected by the customer at the premises of the customer, to another Digital Service or to other services furnished by the Company as follows: Series 3000 Channels, types 3120 or 3122, Series 5000 Channels, types 5320 or 5322, Series 10000 Channels, type 1001 and Telecommunications Network Line.

6.1.10 Mileage Measurement

a. Intraexchange Channels

(1) For Series 6000 Channels, the rate mileage is the airline distance between the centers of the buildings involved. (T)

(2) Interoffice mileage for Series 1000, 2000, 3000 and 4000 Channels is the airline distance, with a fractional 1/4 mile being treated as a whole 1/4 mile, between the wire centers involved. When more than one interoffice channel is required for multipoint service, these channels are furnished in a manner to achieve the shortest combination of distances between the wire centers involved.

b. Interexchange Channels

(1) Except as otherwise specified, rate mileage is the shortest combination of airline distances between rate centers of the service points.

(2) When one or more of the exchanges involved are multizone exchanges, each zone of such an exchange is considered as a separate exchange for the purpose of applying interexchange channel rates.

6 CHANNEL SERVICES (cont'd)

6.1 Regulations for Channel Services (cont'd)

6.1.10 Mileage Measurement (cont'd)

c. Multipoint Channels

Rate mileage is determined in accordance with a. and b. preceding, except when the customer requests that channels be connected in a specified sequence, rate mileage is the shortest airline distances which will connect the channels in the specified sequence.

6.2 SERIES 1000 CHANNELS*

(T)

Series 1000 Channels are unconditioned subvoice channels capable of transmitting signals at rates up to 75 bauds. Channels are furnished for half-duplex or duplex operation on a two-point or multi-point basis.

6.2.1 Channel Types

a. Type 1001

A two-wire interface for half-duplex service or a four-wire interface for duplex service engineered for binary signals up to 30 bauds for remote metering, supervisory control and miscellaneous signaling purposes.

b. Type 1150

A four-wire interface engineered for binary signals at rates up to 75 bauds, 20 or 62.5 milliamperes d.c. neutral signals for data, teletypewriter, remote metering, supervisory control and miscellaneous signaling purposes. The customer terminal equipment shall have a transmitted output of no more than 8% telegraph distortion and shall be capable of processing received data signals with up to 35% telegraph distortion.

The specifications of channel signals and for channel distortion in a. and b. preceding refers to the requirement of the total channel service.

2. Series 1000 Channels are not suitable for the transmission of alternating current tones.

* Service is grandfathered in all wire centers.

(N)

6 CHANNEL SERVICES (cont'd)

6.2 SERIES 1000 CHANNELS (cont'd)

6.2.2 Rates

1. Intraexchange Channels

Between buildings on different premises

a. Local Channels

Each Channel, between the station location and the serving wire center	<u>Per Month</u>		
	<u>Half-Duplex</u>	<u>Duplex</u>	
Type 1001	\$68.50	\$137.08	(I)
Type 1150	165.16	165.16	(I)

The Telephone Company has the option of providing 20 or 62.5 milliamperes and will notify the customer of the current level to be supplied. The Telephone Company will supply the line voltage and provide for the current adjustment. The maximum open circuit voltage across the send data leads at the interface will not exceed 270 volts.

b. Interoffice Channels

Mileage, per 1/4 mile between serving wire centers	<u>Per Month</u>		
	<u>Half-Duplex</u>	<u>Duplex</u>	
Type 1001	\$6.65	\$13.65	(I)
Type 1150	5.24	5.24	(I)
Channel Terminals, each			
Type 1001	Not Applicable		
Type 1150	42.88	42.88	(I)

c. Where, at the option of the Telephone Company, a channel is provided directly between the customer locations, i.e., does not route through a wire center, the monthly rate is equivalent to one Local Channel.

2. Interexchange IntraLATA Channels

The mileage rates specified below apply for each section of an Interexchange IntraLATA Channel, i.e., between the rate centers of each pair of service points. A channel terminal charge applies in the exchange at each terminal of each two-point section.

6 CHANNEL SERVICES (cont'd)

6.2 SERIES 1000 CHANNELS (cont'd)

6.2.2 Rates (cont'd)

2. Interexchange IntraLATA Channels (cont'd)

	<u>Per Month</u>	
a. Mileage, all types		
First 50 miles, per mile or fraction thereof.....	\$27.23	(I)
Each additional mile or fraction thereof.....	19.56	(I)
b. Channel Terminals, all types, each.....	94.90	(I)
c. Station Terminals, each		
Type 1001, half-duplex	\$72.28	(I)
Type 1001, duplex	152.83	(I)
All other types	175.71	(I)
d. Additional Connections		

Rates and charges are as specified in c. preceding.

6.3 SERIES 2000 CHANNELS*

Series 2000 Channels are voice grade channels furnished for half-duplex operation (voice or data use) on a two-point or multipoint basis.

6.3.1 Channel Types

Type 2006A - Suitable for connection to Local Exchange Service for Foreign Exchange Service.

Type 2006B - Suitable for connection to Local Exchange Service for Foreign Zone Service.

* Service is grandfathered in Bethesda (CLLI=CHCHMDBE) wire center.

6 CHANNEL SERVICES (cont'd)

6.3 SERIES 2000 CHANNELS (cont'd)

6.3.1 Channel Types (cont'd)

Type 2006C - Suitable for connection to Local Exchange Service for Foreign Central Office.

Type 2011 - A two-wire interface with effective two-wire facilities; suitable for off premises extension of an Exchange Line and suitable for off-premises extension of a WATS Line.

Type 2014 - A two-wire interface with effective two-wire facilities; suitable for branch exchange or similar off premises main and extension stations used with branch exchange or similar systems capable of operating over loops with resistance up to 1300 ohms.

Type 2021 - A two-wire or four-wire transmission interface with four-wire facilities for tie trunk use to connect two branch exchange or similar systems, two Centrex systems or a Centrex system and a branch exchange or similar system.

Type 2022 - A two-wire interface with effective two-wire facilities; suitable for trunk to station tie trunk loop signaling use to connect a trunk of one switching system to a station of another switching system capable of operating over loops with resistance up to 1300 ohms.

Type 2040 - Furnished for voice transmission for terminal equipment (e.g. 20/40 Dial Pak) which requires that the channel be provided with four-wire facilities.

Type 2041 - Furnished for use as a concentrator connection.

Type 2043 - Furnished for use as a concentrator-identifier trunk.

Type 2045 - Furnished for use on an answering connection.

Type 2120 * - Furnished for voice transmission as a two-wire interface with effective two-wire facilities engineered for a 1000 Hz net loss of 10db.

*Not suitable for switching and/or tandem operations to other Channel Services or the telecommunications network.

6 CHANNEL SERVICES (cont'd)

6.3 SERIES 2000 CHANNELS (cont'd)

6.3.2 Channel Types No Longer Offered†

a. Channels for Tie Trunk Use

Type 2020 - Furnished to connect two Centrex systems, two branch exchange or similar systems or any two of the preceding systems.

Type 2122 - Furnished as a four-wire interface with four-wire facilities engineered to 10db-VNL net gain for tie trunk use to connect two branch exchange systems.

Type 2123 - Furnished as a four-wire interface with four-wire facilities engineered to 8db-VNL net gain for tie trunk use to connect two branch exchange systems.

Type 2124 - Furnished as a four-wire interface with four-wire facilities engineered to 6db-VNL net gain for tie trunk use to connect two branch exchange systems.

b. Channels for branch exchange or similar equipment

Type 2125 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz net loss of 0dB to 5.5dB.

Type 2126 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz net loss of 0dB to 3.5dB.

6.3.3 Signaling Arrangements

a. Provision of Signaling Arrangements

Signaling Arrangements are furnished for branch exchange or similar equipment in accordance with Part 68 of the FCC Rules and Regulations.

b. For Type 2014, 2022, 2125 and 2126 Channels

(1) Type A - Furnished for use with Class A branch exchange or similar

† Rates apply to existing customer only

6 CHANNEL SERVICES (cont'd)

6.3 SERIES 2000 CHANNELS (cont'd)

6.3.3 Signaling Arrangements (cont'd)

(1) (cont'd)

station ports capable of operation over loops with resistance in the range of 0-199 ohms.

(2) Type B - Furnished for use with Class B branch exchange or similar station ports capable of operation over loops with resistance in the range of 200-899 ohms.

(3) Type C - Furnished for use with Class C branch exchange or similar station ports capable of operation over loops with resistance in the range of 900 ohms or more.

(4) For connections to branch exchange or similar equipment, customers must specify the equipment capability, i.e., type A, B or C port of the equipment.

c. For Type 2021

An E & M Signaling Arrangement is required for each tie trunk connection at a customer premises with a branch exchange or similar system arranged with an E & M signaling interface.

6.3.4 Application of Rates

The rates set forth contemplate only two-point communication between stations permanently connected to the line.

1. Intraexchange Channels - Between buildings on different premises

(a) Mileage for Type 2006C Channels is measured airline between the central office designated by the Telephone Company to serve a particular customer and the central office from which that customer has requested to be served.

6 CHANNEL SERVICES (cont'd)

6.3 SERIES 2000 CHANNELS (cont'd)

6.3.4 Application of Rates (cont'd)

1. Intraexchange Channels - Between buildings on different Premises (cont'd)

(b) Mileage for Type 2006B Channels is measured airline from the nearest point on the boundary of the foreign zone to the location of the customer terminal equipment in the normal zone.

(c) Extending an Exchange Service or WATS Line

I. A local channel is required to connect an exchange service or WATS line location to its serving wire center.

II. Where the exchange service or WATS line and the location it is extended to are in different wire center serving areas, an interoffice channel and associated channel terminals are required.

III. Where the channel is furnished to extend an exchange service or WATS line to more than one premises, a separate channel is required for connecting each premises' serving wire center to the primary service.

(d) Type 2043 Channel

I. A local channel is required between the answering bureau and the answering bureau's serving wire center.

II. When the answering bureau and the concentrator are in different wire center serving areas, an interoffice channel and associated channel terminals are required.

(e) Extending other lines

I. A local channel is required to connect each premises where stations are located, except the first appearance of Centrex lines and Centrex intercommunicating lines to its serving wire center.

6 CHANNEL SERVICES (cont'd)

6.3 SERIES 2000 CHANNELS (cont'd)

6.3.4 Application of Rates (cont'd)

1. Intraexchange Channels - Between buildings on different Premises (cont'd)

(e) Extending other lines (cont'd)

II. A local channel is required to extend a branch exchange line from its associated branch exchange service location and connect it to the wire center serving that location.

III. Where the service points are in different wire center serving areas, an interoffice channel and associated channel terminals are required.

IV. A local channel is not required for connecting Series 2000, types 2014, 2020 or 2021, Channels in switching equipment located in a wire center.

(f) Where, at the option of the Telephone Company, a channel is provided directly between the customer locations, i.e., does not route through a wire center, this monthly rate is equivalent to one local channel.

(g) Rates for Local Channels, each

	<u>Per Month</u>	
Type 2011	\$117.68	(I)
Types 2014, 2022, 2125 and 2126	144.08	(I)
Types 2020, 2021, 2122, 2123 and 2124	200.28	(I)
Type 2040	49.60	
Type 2043	14.38	
Type 2045	80.84	(I)
Type 2120	82.56	(I)

(h) Rates for Interoffice Channels

Mileage, per 1/4 mile or fraction thereof, between the serving wire centers		
All Types, except type 2006B	7.00	(I)

6 CHANNEL SERVICES (cont'd)

6.3 SERIES 2000 CHANNELS (cont'd)

6.3.4 Application of Rates (cont'd)

1. Intraexchange Channels - Between buildings on different Premises (cont'd)

- (j) Channel Terminals, all types, except type 2006B \$79.06
- (k) Mileage for Channel Type 2006B

Between zones in the same multizone exchange

First mile	\$126.45
Each additional 1/4 mile.....	30.54

2. Interexchange Channels

(1) For type 2006A channels, the mileage specified in b. following is measured airline between the rate centers of the normal and foreign exchanges.

(2) The mileage rates specified following apply for each section of an interexchange channel, i.e., between the rate centers of each pair of service points and a channel terminal charge applies in the exchange at each terminal of each two-point section.

(3) For type 2006A channels, the mileage and channel terminal rates in b. and c. following, apply to service between noncontiguous exchanges, except as specified in g.(1) following.

b. Mileage, all types

	<u>Per Month</u>
First 25 miles, per mile or fraction thereof	\$29.49
Next 25 miles, per mile or fraction thereof	27.23
Each additional mile or fraction thereof	19.56

(C)

(D)
|
|
(D)

6 CHANNEL SERVICES (cont'd)

6.3 SERIES 2000 CHANNELS (cont'd)

6.3.4 Application of Rates (cont'd)

2. Interexchange Channels (cont'd)

	<u>Per Month</u>	
c. Channel Terminals, all types,	\$94.90	(D)

d. Station Terminals, each *	<u>Per Month</u>	
Types 2011, 2041, 2043, 2045 and 2120.....	\$138.48	
Types 2014, 2022, 2125 and 2126.....	159.86	
Type 2040.....	55.35	
All other types.....	217.84	

e. Additional Connections

In a different building on different premises, same exchange, rates and charges are as specified in d. preceding.

f. Where service other than Series 2000, type 2006A, Channels, is furnished between contiguous exchanges by means of facilities extended directly across the exchange boundary the charges specified for interexchange channels preceding or the following rates, whichever are the lesser apply†

	<u>Per Month</u>
Per 1/4 mile or fraction thereof, airline, per channel, between the customer's premises.....	\$4.94
Minimum charge, per channel.....	19.75

* Not applicable for type 2006A channels.

† No longer offered. The associated rates are applicable only to existing installations of this equipment for the same customer.

6 CHANNEL SERVICES (cont'd)

6.3 SERIES 2000 CHANNELS (cont'd)

6.3.4 Application of Rates (cont'd)

2. Interexchange Channels (cont'd)

g. Other Rate Applications for Type 2006A Channels

(1) Where the customer's normal exchange is other than a multizone exchange and is contiguous to an exchange which is contiguous to the zone of a foreign multi-zone exchange from which service is provided, per mile or fraction thereof

	<u>Per Month</u>	(D)
Business	36.75#	

(2) Between contiguous exchanges or between an exchange and a contiguous zone of a multizone exchange from which service is provided, per channel

		(D)
Business	18.13@	

3. Other Service Arrangements

a. Signaling Arrangements

Per Month

(1) Automatic ringing, for use with type 2120

per channel	\$49.18
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(D)

Subject to a minimum of \$35.00 and maximum of \$50.00.

@ Interexchange Channels purchased by Poolesville customers to Gaithersburg and by North Beach customers to Marlboro are \$2.00 per month. (\$2.00 rate is grandfathered effective 4/17/10. No new customers ,moves, changes or additions allowed)

6 CHANNEL SERVICES (cont'd)

6.3 SERIES 2000 CHANNELS (cont'd)

6.3.4 Application of Rates (cont'd)

3. Other Service Arrangements (cont'd)

a. Signaling Arrangements (cont'd)

(2) Arrangement to convert E&M Signaling to DX Signaling, for use with types 2021, 2120, 2122, 2123 and 2124 channels, per local channel or

station terminal	<u>Per Month</u> \$79.29	(I)
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(3) Arrangement for Loop Signaling, for use with type 2120 channels, per local channel or station

terminal	10.06	(I)
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(4) Arrangements for Types 2014, 2022, 2125 and 2126 Channels

(a) Type A	\$79.06	(I)
(b) Type B	48.20	(I)
(c) Type C	9.15	(I)

b. Multipoint Service Arrangements

These arrangements are required where more than two premises are connected to bridging equipment located in a Telephone Company wire center.

Multipoint service arrangements for type 2120 channels are furnished on special equipment and service arrangements basis for both intraexchange and interexchange channel configurations.

6.4 SERIES 3000 CHANNELS*

6.4.1 Explanation of Terms

Series 3000 Channels are voice grade channels furnished for half-duplex

* Service is grandfathered in Bethesda (CLLI=CHCHMDBE) wire center.

6 CHANNEL SERVICES (cont'd)

6.4 SERIES 3000 CHANNELS (cont'd)

6.4.1 Explanation of Terms (cont'd)

or duplex operation (data use) on a two-point or multipoint basis. Audio tone protective relaying is the function in which power utility fault detectors at one location sense a power system fault condition and initiate a trip signal, which must be coded and transmitted by a protective relaying terminal, over telecommunications facilities to a similarly equipped location. Power system circuit breakers at the other location will then operate to rapidly deenergize the faulted portion of the electric power system.

6.4.2. Channel Types

Type 3001B - A two-wire interface with effective two-wire facilities conditioned for audio tone protective relaying.

Type 3001C - A four-wire interface with four-wire facilities conditioned for audio tone protective relaying.

All Type 3001B and 3001C channels are conditioned for the following transmission specifications:

The envelope delay distortion shall not exceed 2000 microseconds between 800 and 2600 Hz. The loss deviation with frequency (from 1004 Hz reference) shall not exceed the following limits:

Between 300 and 3000 Hz, -2dB to +6dB.
Between 500 and 2800 Hz, -1dB to +3dB.

The resistance unbalance of the local channel cable pairs will be one percent or less

Type 3120 - A four-wire interface with four-wire facilities engineered for a 1000 Hz net loss of 16dB; normally suitable for data transmission.

Not suitable for switching and/or tandem operations to other Channel Services or the telecommunications network.

6 CHANNEL SERVICES (cont'd)

6.4 SERIES 3000 CHANNELS (cont'd)

6.4.2. Channel Types (cont'd)

Type 3122 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz net loss of 16dB; normally suitable for data transmission.

6.4.3. Terminal Equipment (data set) Requirements for Series 3000 Channels

a. When Series 3000 Channels are used for data transmission, terminal equipment (data sets) is required to condition signals generated by apparatus furnished by the customer to signals suitable for transmission on the channel and to condition signals received from such a channel to signals for delivery to apparatus furnished by the customer.

b. Series 3000 Channels may be used for normal black and white telephotograph (facsimile) transmission purposes without the use of terminal equipment. Where picture transmission refinements are required, suitable terminal equipment should be used.

6.4.4. Channel Conditioning Arrangements for Series 3000 Channels

a. Type C1

The envelope delay distortion shall not exceed:

Between 1000 and 2400 Hz, a maximum difference of 1000 microseconds. The loss deviation with frequency, from 1000 Hz reference, shall not exceed:

- Between 1000 and 2400 Hz, -1dB to +3dB
- Between 300 and 2700 Hz, -2dB to +6dB

b. Type C2

The envelope delay distortion shall not exceed:

- Between 1000 and 2600 Hz, a maximum difference of 500 microseconds.

6 CHANNEL SERVICES (cont'd)

6.4 SERIES 3000 CHANNELS (cont'd)

6.4.4. Channel Conditioning Arrangements for Series 3000 Channels (cont'd)

b. Type C2 (cont'd)

Between 600 and 2600 Hz, a maximum difference of 1500 microseconds.
Between 500 and 2800 Hz, a maximum difference of 3000 microseconds.

Not suitable for switching and/or tandem operations to other Channel Services or the telecommunications network.

The loss deviation with frequency, from 1000 Hz reference, shall not exceed:

Between 500 and 2800 Hz, -1dB to +3dB
Between 300 and 3000 Hz, -2dB to +6dB

c. Type C4

The envelope delay distortion shall not exceed:

Between 1000 and 2600 Hz, a maximum difference of 300 microseconds.
Between 800 and 2800 Hz, a maximum difference of 500 microseconds.
Between 600 and 3000 Hz, a maximum difference of 1500 microseconds.
Between 500 and 3000 Hz, a maximum difference of 3000 microseconds.

The loss deviation with frequency, from 1000 Hz reference, shall not exceed:

Between 500 and 3000 Hz, -2dB to +3dB
Between 300 and 3200 Hz, -2dB to +3dB

d. Type C5

The envelope delay distortion shall not exceed:

6 CHANNEL SERVICES (cont'd)

6.4 SERIES 3000 CHANNELS (cont'd)

6.4.4. Channel Conditioning Arrangements for Series 3000 Channels
(cont'd)

d. Type C5 (cont'd)

Between 1000 and 2600 Hz, a maximum difference of 100 microseconds.
Between 600 and 2600 Hz, a maximum difference of 300 microseconds.
Between 500 and 2800 Hz, a maximum difference of 600 microseconds.

The loss deviation with frequency, from 1000 Hz reference, shall not exceed:

Between 500 and 2800 Hz, -0.5dB to +1.5dB
Between 300 and 3000 Hz, -1.0dB to +3.0dB

e. Type D1, High Performance Data Conditioning

Type D1 Channel Conditioning Arrangements provide for the following technical parameters on two-point channels:

Signal to C-Notched Noised Ratio 24dB

Nonlinear Distortion:

Signal to second order distortion 35dB

Signal to third order distortion 40dB

When a channel equipped with Type D1 Channel Conditioning is utilized for voice communication, the Telephone Company does not represent that the channel will be suitable for such voice transmission.

6.4.5. RATES

1. Intraexchange Channels

6 CHANNEL SERVICES (cont'd)

6.4 SERIES 3000 CHANNELS (cont'd)

6.4.5. RATES (cont'd)

1. Intraexchange Channels (cont'd)

a. Within the same building

Routed through the serving wire center

Each local channel Rates and charges are as specified in b.(1) following.

b. Between Buildings on different premises

(i) A local channel is required to connect each station location to its serving wire center.

(ii) Where the service points are different wire center serving areas, an interoffice channel and associated channel terminals are required.

(iii) Where, at the option of the Telephone Company, a channel is provided directly between the customer locations, i.e., does not route through a wire center, the monthly rate is equivalent to one Local Channel.

(1) Local Channels	<u>Per Month</u>	
Type 3001B	\$38.82	(I)
Type 3001C	56.24	(I)
Type 3120	316.28	(I)
Type 3122	263.55	(I)
 (2) Interoffice Channels		
Mileage, per 1/4 mile or fraction thereof, between the serving wire centers		
All types.....	7.00	(I)
 (3) Channel Terminals, all types, each		
	79.06	(I)

6 CHANNEL SERVICES (cont'd)

6.4 SERIES 3000 CHANNELS (cont'd)

6.4.5. RATES (cont'd)

2. Interexchange Channels

The mileage rates specified following apply for each section of an interexchange channel, i.e., between the rate centers of each pair of service points and a channel terminal charge applies in the exchange at each terminal of each two-point section.

a. Mileage, all types

	<u>Per Month</u>	
First 25 miles, per mile or fraction thereof.....	\$29.50	(I)
Next 25 miles, per mile or fraction thereof.....	27.22	(I)
Each additional mile or fraction thereof.....	19.56	(I)

b. Channel Terminals, all types, each.....	94.90	(I)
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c. Station Terminals each

	<u>Per Month</u>	
Type 3001B	\$210.84	(I)
Type 3001C	289.70	(I)
Type 3120	316.28	(I)
Type 3122	284.63	(I)

d. Additional connections

In a different building on different premises in the same exchange..... Rates and charges are as specified in c. preceding.

e. Where service is furnished between contiguous exchanges by means of facilities extended directly across the exchange boundary the charges specified for interexchange channels preceding or the following rates, whichever are the lesser apply (rates only applicable to existing customers).

	<u>Per Month</u>	
Per 1/4 mile or fraction thereof, airline, per channel, between the customer's premises	\$4.94	(I)
Minimum charge, per channel	19.75	(I)

6 CHANNEL SERVICES (cont'd)

6.4 SERIES 3000 CHANNELS (cont'd)

6.4.5. RATES (cont'd)

3. Channel Conditioning Arrangements For Series 3000 Channels

Channel conditioning charges, as specified following, apply to the first station at each building.

a. When Associated with Intraexchange Service

Between buildings in the same exchange on a two-point or multipoint channel, not arranged for switching, or for a channel located within the same building:

	<u>Installation Charge</u>	<u>Per Month</u>	
Type C1, each	\$27.50	\$149.33	(1)
Type C2, each	68.75	562.26	(1)

Between buildings in the same exchange on a two-point or multipoint channel, not arranged for switching, or for a channel located within the same building:
 (Cont'd)

	<u>Installation Charge</u>	<u>Per Month</u>	
Type C4, each (Two-point channel only).....	\$137.50	\$843.40	(1)
Type C5, each (Two-point channel only).....	-	208.44	(1)
Type D1, each (Two-point channel only) ...	168.75	84.35	(1)

b. When Associated with Interexchange Service

(1) Between buildings in different exchanges, not arranged for switching:

(a) Two-point Interexchange Channel

	<u>Installation Charge</u>	<u>Per Month</u>	
Type C1, each.....	\$27.50	\$149.33	(1)
Type C2, each.....	68.75	562.27	(1)
Type C4, each.....	137.50	843.40	(1)
Type C5, each.....	-	208.44	(1)
Type D1, each.....	168.75	84.35	(1)

6 CHANNEL SERVICES (cont'd)

6.4 SERIES 3000 CHANNELS (cont'd)

6.4.5. RATES (cont'd)

3. Channel Conditioning Arrangements For Series 3000 Channels (cont'd)

b. When Associated with Interexchange Service (cont'd)

(1) Between buildings in different exchanges, not arranged for switching: (cont'd)

(b) Multipoint Interexchange Channel, for the first connection in a building in each exchange

	Installation <u>Charge</u>	Per <u>Month</u>	
Type C1, each.....	\$68.75	\$298.71	(l)
Type C2, each.....	137.50	737.96	(l)

When Type D1 Channel Conditioning is installed subsequent to the installation of the channel with which it is associated, rates and charges for the installation of a Series 3000, type 3120 or 3122, Channel apply in addition to the rates and charges for Type D1 Channel Conditioning.

(2) Each additional connection of the same channel at a different building, but in the same exchange as the first building

	Installation <u>Charge</u>	Per <u>Month</u>	
Type C1, each.....	\$27.50	\$39.36	(l)
Type C2, each.....	27.50	302.19	(l)
Type C4, each.....	27.50	61.82	(l)

4. Multipoint Service Arrangements

These arrangements are required where more than two premises are connected to bridging equipment located in a Telephone Company wire center.

For types 3120 and 3122 intraexchange channels, per local channel.....	-	\$151.08	(l)
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5. Other Service Arrangements	\$48.75	65.70	(l)
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6 CHANNEL SERVICES (cont'd)

6.5 SELECT-A-STATION SERVICE*

6.5.1 Explanation of Terms

Select-A-Station Service consists of Primary and Secondary Data Station Selectors, Series 4000 and Two and Four Wire Channels which provide for a voiceband, private line, data, multistation, sequential or addressable polling service.

Addressable Arrangement

An addressable arrangement is an arrangement in which the order of connections made by the Data Station Selector (DSS) from the master location to remote locations is under control of the master location.

Automatic Step

An automatic step is a DSS arrangement in which the duration and order of connections are fixed.

Automatic Step with Reset

An automatic step with reset is a DSS option in which the duration and order of connections are fixed, but the DSS will reset to the beginning of the connection cycle upon command from the master location.

Controlled Step

A controlled step is a DSS option which allows the customer to have in-service control over the duration of the connection. However, the order of connections is fixed.

Data Station Selector (DSS)

A DSS is a channel service device located in a Telephone Company central office which is capable of making connections between a 4-wire input and up to 128 (125 for addressable operation) outputs, 2-wire or 4-wire, one at a time.

* Service is grandfathered in all wire centers.

(T)
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6 CHANNEL SERVICES (cont'd)

6.5 SELECT-A-STATION SERVICE (cont'd)

6.5.1 Explanation of Terms (cont'd)

Master Location

A master location is a customer premises which communicates with each remote location and may control the connections.

Primary Data Station Selector (PDSS)

A PDSS is the DSS which is connected directly to the Selector Control Unit (SCU).

Primary Wire Center

A primary wire center is that wire center of a multiwire center exchange or zone of a multi-zone exchange which is designated as such for the purpose of measuring interoffice channel mileages when such interoffice channels are associated with interexchange channels.

Remote Location

A remote location is a customer premises which are connected to the master location by a DSSs.

Secondary Data Station Selector (SDSS)

An SDSS is any DSS which is connected to a PDSS.

Selector Control Unit (SCU)

An SCU is the equipment located at the master location and provided by the customer to transmit control and/or address signals to the DSSs and receive supervisory signals from the DSSs.

Sequential Arrangement

A sequential arrangement is an arrangement in which the order to connections made by the DSS from the master location to the remote location is fixed by the assignment of the DSS output ports at initial installation.

6.5.2 Classification of Channels

- a. Type 4040 - A two-wire interface with effective two-wire facilities for use with customer-provided station equipment to connect master and remote locations with Primary or Secondary DSSs.

6 CHANNEL SERVICES (cont'd)

6.5 SELECT-A-STATION SERVICE (cont'd)

6.5.2 Classification of Channels (cont'd)

b. Type 4041 - A four-wire interface with effective four-wire facilities for use with customer-provided station equipment to connect master and remote locations with Primary or Secondary DSSs.

6.5.3 Scope

a. Select-A-Station Service is designed to establish point-to-point connections between a master location and a number of remote locations, one at a time. Direct transmission between remote locations is not possible, neither is simultaneous communications from the master to more than one remote location.

b. A PDSS provides the connection between the master location and any one of up to 128 remote locations (125 for addressable operation) via two or four-wire channels. Where more than one DSS is required, the DSS that is directly connected to the master location is termed the PDSS. Additional DSSs, designated SDSSs, may be connected to the PDSS. Each additional SDSS connected reduces the capacity of the PDSS by one remote location.

c. An SCU will be provided at the master location. The SCU is used by the customer to transmit control and/or address signals to the DSSs and to receive supervisory signals from the DSSs.

d. Select-A-Station Service arranged for sequential operation requires customer specification, prior to installation, of the order of connections from the DSS to the remote stations. The customer must also specify one of the following three sequential DSS arrangements to accommodate customer operating procedures and circuit structure: (1) Automatic Step, (2) Automatic Step with Reset and (3) Controlled Step.

e. A PDSS when used for sequential operation must be optioned for controlled step when used in tandem with an SDSS.

f. Select-A-Station Service arranged for addressable operation provides a DSS arrangement in which the duration and order of connections are variables controlled by the master location.

6 CHANNEL SERVICES (cont'd)

6.5 SELECT-A-STATION SERVICE (cont'd)

6.5.3 Scope (cont'd)

- g. Select-A-Station Service requires the use of equipment and channels, as outlined herein.
- h. Alternate voice-data transmission is not available.
- i. DC continuity is not provided.
- j. The connection of customer-provided terminal equipment at the customer's premises shall meet the specifications set forth in AT&T Co. Technical Reference PUB 41014, "Data Communications Using DATAPHONE Select-A-Station-Service."
- k. A Service Establishment Charge applies for the initial establishment of Select-A-Station Service.

6.5.4 Rates

1. Equipment

a. Primary Data Station Selector

	Installation <u>Charge</u>	Per <u>Month</u>	
(1) Common Equipment			
Sequential Arrangement, each	\$431.25	\$1721.88	(l)
Addressable Arrangement, each ..	431.25	655.88	(l)

	Installation <u>Charge</u>	Per <u>Month</u>	
(2) Channel Connector			
Per Type 4040 Channel Connected, each	\$43.75	\$31.25	(l)
Per Type 4041 Channel Connected, each	43.75	142.10	(l)

b. Secondary Data Station Selector

6 CHANNEL SERVICES (cont'd)

6.5 SELECT-A-STATION SERVICE (cont'd)

6.5.4 Rates (cont'd)

2. Channels

a. Intraexchange

Series 4000

(1) Channels to Connect Stations with Primary or Secondary Data Station Selectors, the Selector Control Unit and a Primary Data Selector Station or a Primary Data Selector Station and a Secondary Data Selector Station

(a) Local Channels

Each channel between the station location and the serving wire center or the Selector Control Unit and the serving wire center

	Per Month	
Types 4040.....	\$87.84	(l)
Types 4041.....	267.05	(l)

(b) Interoffice Channels

Mileage, per channel per 1/4 mile between the wire center serving the station location and the wire center in which the Primary Data Selector Station or Secondary Data Selector Station is located, between the wire center serving the Selector Control Unit and a wire center in which a Primary Data Selector Station is located or between the wire center in which a Primary Data Selector Station is located and a wire center in which an Secondary Data Selector Station is located.

	Per Month	
Types 4040.....	\$ 7.40	(l)
Types 4041.....	13.99	(l)

6 CHANNEL SERVICES (cont'd)

6.5 SELECT-A-STATION SERVICE (cont'd)

6.5.4 Rates (cont'd)

2. Channels (cont'd)

a. Intraexchange (cont'd)

Series 4000 (cont'd)

Per Month

(c) Channel Terminals, each	\$79.06	(I)
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b. Interexchange

The mileage rates specified below for interexchange mileage apply for each section of an interexchange channel, i.e., between the rate centers of each pair of service points. A channel terminal charge applies in the exchange at each connection of each two-point section.

(1) Interexchange Portion

(a) Mileage, all types, each mile or fraction thereof	\$14.84	(I)
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(b) Channel Terminals, all types, each	\$354.31	(I)
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(2) Local Portion

(a) Interoffice Channels

Mileage, per channel per 1/4 mile

Between the primary wire center and a wire center serving a master or remote location or wire center in which a Primary Data Station Selector or Secondary Data Station Selector is located between a wire center, which

Types 4041.....	\$12.16	(I)
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6 CHANNEL SERVICES (cont'd)

6.5 SELECT-A-STATION SERVICE (cont'd)

6.5.4 Rates (cont'd)

2. Channels (cont'd)

b. Interexchange (cont'd)

(2) Local Portion (cont'd)

(a) Interoffice Channels (cont'd)

is not the primary wire center, in which a Primary Data Station Selector is located and a wire center serving a master or remote location or a wire center in which an Secondary Data Station Selector is located

	<u>Per Month</u>	
Types 4040.....	\$6.44	(I)
Types 4041.....	12.16	(I)

Between a wire center, which is not the primary wire center, in which an Secondary Data Station Selector is located and a wire center serving a master or remote location

	<u>Per Month</u>	
Types 4040.....	\$6.44	(I)
Types 4041.....	12.16	(I)

Channel terminals, all types, each	79.06	(I)
--	-------	-----

(b) Local Channels

Each channel between a primary wire center and a master or remote station location served by that primary wire center or between an Selector Control Unit or master or remote location and the serving wire center

	<u>Per Month</u>	
Types 4040.....	\$87.84	(I)
Types 4041.....	267.05	(I)

6 CHANNEL SERVICES (cont'd)

6.5 SELECT-A-STATION SERVICE (cont'd)

6.5.4 Rates (cont'd)

2. Channels (cont'd)

b. Interexchange (cont'd)

(3) System Activity Charges

(a) Service Establishment Charge, each \$826.56 (l)

(b) A Change Charge equal to the Installation Charge for the Data Station Selector Unit will apply when changing from one Data Station Selector option to another.

6.6 TELEMETRY ALARM BRIDGING SERVICE*

6.6.1 Explanation of Terms

Telemetry Alarm Bridging Service is a multistation, voice frequency, Channel Service designed to provide connections between a master location and a number of remote location simultaneously via Series 4000 Channels

Interconnection Location

An interconnection location is one of the remote locations of a Passive Bridging multi-point system at which is located customer owned and maintained regeneration equipment used in conjunction with interconnection of two bridges via an interconnection location channel.

Interconnection Location Channel

An interconnection location channel is the dedicated private line channel of a Telemetry Alarm Bridging Service system connecting each interconnecting location to a secondary bridge. The channel is only applicable cable with Passive Bridging.

Master Location

A master location is the one customer location of a multipoint system located on customer's premises which communicates with, or receives communications from, each remote location.

* Service is grandfathered in Bethesda (CLLI=CHCHMDBE) wire center.

6 CHANNEL SERVICES (cont'd)

6.6 TELEMETRY ALARM BRIDGING SERVICE (cont'd)

6.6.1 Explanation of Terms (cont'd)

Master Location Channel

A master location channel is the dedicated channel of a Telemetry Alarm Bridging Service system connecting the master location to the primary bridge.

Midlink Channel

A midlink channel is the dedicated interoffice and/or interexchange channel of a Telemetry Alarm Bridging Service system connecting two bridges located in separate central offices with each other. This channel is only applicable for Split Band - Active Bridging and Summation - Active Bridging.

Primary Bridge

A primary bridge is the bridge which is connected directly to the master location via the master location channel.

Remote Location

A remote location is one of the many customer locations of a multipoint system located on a customer's premises which is connected to the master location via the applicable Telemetry Alarm Bridging Service arrangement.

Remote Location Channel

A remote location channel is the dedicated channel of a Telemetry Alarm Bridging Service system connecting each remote location to its bridge.

Secondary Bridge

A secondary bridge is any bridge in a Telemetry Alarm Bridging Service system which is connected to a primary bridge via a midlink channel or interconnection location channel.

6.6.2 Availability of Service

Telemetry Alarm Bridging Service is offered in the following arrangements.

a. Passive Bridging

Passive Bridging is a bridging arrangement providing for a two-wire

6 CHANNEL SERVICES (cont'd)

6.6 TELEMETRY ALARM BRIDGING SERVICE (cont'd)

6.6.2 Availability of Service (cont'd)

location interconnection location channel, common port and multiple two-wire, remote location ports intended for data or tone signaling arrangements. Two-way, polling, communications between the master location and each remote location is intended.

b. Split Band - Active Bridging

Split band - active bridging is a bridging arrangement providing for a four-wire, master location or midlink channel, frequency split common port and multiple two-wire remote location ports intended for application in multipoint voice frequency, data or tone signaling arrangements. Two-way, polling, communication between the master location and each remote station is intended.

c. Summation - Active Bridging

Summation - active bridging is a bridging arrangement providing for a two-wire, master location or midlink channel, common port and multiple two-wire, remote location, ports intended for tone signaling arrangements. One-way communication from each remote location to the master location is intended.

6.6.3 Limitations of Service

- a. No more than 128 remote locations may be connected to a master location over an individual Split Band - Active Bridging or Summation – Active Bridging system.
- b. There is no limit on the number of remote locations that may be connected to a master location when using Passive Bridging. Customers may choose to tandem passive bridges using customer-provided regenerators and interconnection location channels. However, the Telephone Company considers each passive bridge and its associated channels as an independent multipoint system. The Telephone Company assures transmission only within each passive bridge system.

6 CHANNEL SERVICES (cont'd)

6.6 TELEMETRY ALARM BRIDGING SERVICE (cont'd)

6.6.3 Limitations of Service (cont'd)

c. In Split Band - Active and Summation - Active Bridging arrangements, secondary bridges must be directly connected to the primary bridge via midlink channels. Secondary bridges cannot be connected through other secondary bridges to allow additional layers of tandeming.

d. Secondary bridges, utilized in Split Band - Active Bridging arrangements, reduce the two-wire remote location capacity of the primary bridge. The initial secondary bridge reduces the primary bridge capacity by 12 two-wire remote location connections. Each subsequent secondary bridge reduces the primary bridge capacity by four additional two-wire remote location connections.

e. Each secondary bridge, utilized in Summation - Active Bridging arrangements reduces the two-wire remote location capacity of the primary bridge by one.

f. Standard multipoint bridging charges as provided in other sections of this Price Guide are not applicable to Telemetry Alarm Bridging Service.

g. Direct transmission between remote locations is not intended. This service is intended for application in multipoint, voice frequency, data or tone signaling arrangements, with transmission at rates up to 400 baud.

6.6.4 Rates

1. Split Band - Active Bridging

a. Common Equipment, per central office, each

	<u>Installation Charge</u>	<u>Per Month</u>	
(1) First bridging shelf, capacity of 48 two-wire connections	\$793.75	\$162.50	(I)
(2) Additional bridging shelf, capacity of 56 two-wire connections, each			
Initial installation	318.75	48.13	(I)
Subsequent installation	637.50	131.25	(I)

6 CHANNEL SERVICES (cont'd)

6.6 TELEMETRY ALARM BRIDGING SERVICE (cont'd)

6.6.4 Rates (cont'd)

1. Split Band - Active Bridging (cont'd)

b. Channel Connections, per channel connected

	<u>Installation Charge</u>	<u>Per Month</u>	
(1) Remote location channel connection, each...	\$22.50	\$6.38	(I)
(2) Midlink channel connection, each			
First channel	80.00	11.13	(I)
Subsequent channels, each	80.00	11.13	(I)
2. Common Equipment, per central office each bridge, capacity of ten two-wire connections....	80.00	60.64	(I)
3. Summation - Active Bridging			
Common Equipment, per central office first or additional bridging shelves, capacity of ten two-wire connections, each.....	162.50	162.50	(I)

4. Channels

The rates and charges are as specified for Series 4000 Channels in this Price Guide.

6.7 SERIES 5000 CHANNELS*

6.7.1 General

Series 5000 Channels provides Base Capacity for transmitting various forms of electrical communication up to limits specified for the various types and connecting arrangements necessary for the utilization of such capacity as specified in B. following. Channels are furnished for half-duplex or duplex operation, the charge being the same in either case on a two-point or multipoint basis.

6 CHANNEL SERVICES (cont'd)

6.7 SERIES 5000 CHANNELS (cont'd)

6.7.1 General (cont'd)

Series 5000 Channels are no longer offered. The associated rates and charges apply only to existing installations of these channels for the same customer at the same location, including such customer's requests for additions to the existing installations only up to the maximum limit of the base capacity.

Channels are furnished between specified locations for voice, telephotograph (facsimile), teletypewriter, data transmission, remote metering, supervisory control, miscellaneous signaling and other purposes for which connecting arrangements are provided under 3. following. Series 5000 Channels are not furnished when all points are within the same exchange.

6.7.2 Base Capacity

Base Capacity denotes the potential for communication channels and services which can be realized only with the use of service terminals furnished under 3. following. Base Capacity, with appropriate service terminals, is provided for use as a wideband channel or for use as individual channels of lesser capacity which in total do not exceed the equivalent voice grade capacity specified for each type. Base Capacity is furnished in such manner as the Telephone Company may elect, whether by wire, radio or a combination thereof and whether or not by means of a single facility or route.

For each Base Capacity the Telephone Company undertakes to provide at the charges determined under C. following, only that portion of the maximum Base Capacity which the customer orders as channels arranged for his use; additional channels up to the maximum of the Base Capacity will be provided and arranged for use at the customer's request, subject to the availability of suitable service terminals or connecting arrangements.

The various types and classifications of Base Capacity furnished within this series are as follows:

6 CHANNEL SERVICES (cont'd)

6.7 SERIES 5000 CHANNELS (cont'd)

6.7.2 Base Capacity (cont'd)

<u>Base Capacity</u>	Maximum Equivalent Carrier Spectrum Assignment Kilocycles Per Second	Maximum Equivalent Voice Grade Channels
Type 5500	48	12
Type 5600	96	24
Type 5700	240	60
Type 5800	1,000 (Approximate)	240

Within the maximums specified above, the Base Capacity made available to the customer in each classification is determined by the number and type of service terminals or connecting arrangements furnished from time to time pursuant to his order and is limited to the capacity so determined.

Within the limits of a Base Capacity the customer may order as many individual channels of lesser capacity arranged for use as he requires. A channel is considered arranged for use when the necessary connecting arrangements are furnished pursuant to the customer's order.

6.7.3 Service Terminals

Service terminals for use with the various types of Base Capacity are furnished under two classifications:

- service terminals for use as a wideband channel
 - service terminals for use as individual channels of a lesser capacity
- Type numbers for wideband service terminals are shown in a. following.

Where service terminals for use as individual channels of a lesser capacity are furnished, the Type numbers as shown in b. following 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 5 as the first digit of the new four-digit Series 5000 Type number.

6 CHANNEL SERVICES (cont'd)

6.7 SERIES 5000 CHANNELS (cont'd)

6.7.3 Service Terminals (cont'd)

EXAMPLE		
Series	Type	Equivalent 5000 Series Type
1000	1001	5101
2000	2121	5220
3000	3120	5320

a. Service Terminals for Use as a Wideband Channel

Type 5501 - Service terminals suitable for connecting channels having a frequency bandwidth of approximately 0 to 20,000 Hertz (Hz) with only minor deviation in gain and delay characteristics within this frequency range. Each channel has the equivalent of 12 voice grade channels.

Type 5502 - Service terminals to accommodate the transmission of data signals at a rate of 40,080 bits per second in sequence and including one voice channel connection for coordination purposes. The channels developed by each terminal have the total equivalent of 12 voice grade channels.

Type 5504 - Service terminals to accommodate the transmission of data signals at a rate of 50,000 bits per second in sequence and including one voice channel connection for coordination purposes. The channels developed by each terminal have the total equivalent of 12 voice grade channels.

Type 5511 - Service terminal equipment arrangements for use with Secure Communications to accommodate the transmission of binary digital base band signals in a random polar format at a rate of 50,000 bits per second. This equipment only to be provided to duly authorized departments or agencies of the United States Government.

b. Service Terminals for Use as Channels of a Lesser Capacity

Voice - Service terminals suitable for connecting channels having transmission characteristics and with interface arrangements similar to

6 CHANNEL SERVICES (cont'd)

6.7 SERIES 5000 CHANNELS (cont'd)

6.7.3 Service Terminals (cont'd)

b. Service Terminals for Use as Channels of a Lesser Capacity (cont'd)

those furnished under Series 2000 channels. The types of Series 5000 voice service terminals are as follows:

Types:	5220	5224	5240
	5222	5225	
	5223	5226	

Teletypewriter - Service terminals suitable for connecting channels having transmission characteristics and with interface arrangements similar to those for channels furnished under Series 1000 channels. The types of Series 5000 teletypewriter service terminals are as follows:

Types:	5101
	5150

Twelve such channels, or any portion thereof, or a combination, not exceeding twelve, of such channels, between the same pair of service points, have the equivalent of one voice grade channel.

Data - Service terminals suitable for connecting channels having transmission characteristics and with interface arrangements similar to those for Series 3000 channels furnished for data transmission. Each channel has the equivalent of one voice grade channel. The types of Series 5000 data service terminals are as follows:

Types:	5320
	5322

6.7.4 Regulations

a. Except as otherwise provided herein, the regulations applicable are as set forth for services of the same type and furnished for the same purposes under Series 1000, 2000 and 3000 services.

6 CHANNEL SERVICES (cont'd)

6.7 SERIES 5000 CHANNELS (cont'd)

6.7.4 Regulations (cont'd)

b. Channels furnished within this series are provided only through the use of Series 5000 service terminals or connecting arrangements provided by the Telephone Company. The customer may not create additional channels from channels furnished under this series except that the customer may create additional channels from channels of voice grade or less and channels utilizing type 5502 and 5504 service terminals to the extent permitted under the provisions of this Company's General Regulations Price Guide.

c. Channels and service terminals furnished for purposes specified herein are suitable for such purposes. While other uses are permitted, channels and service terminals are not represented as being satisfactory for other uses.

6.7.5 Shared Use of Facilities

a. Shared use is permitted in the case of the following customers.

(1) Pipe line companies, railroad companies, other common or contract carriers or public utilities whose rates and charges are regulated by a government entity, and any non-profit communications organization of such companies, provided that those involved in such shared use are in the same line of business.

(2) Government agencies (Federal, State and Local)

b. Charges will be computed as though the facilities are furnished to a single customer and, without affecting the ultimate responsibility for payment of charges, will be allocated for billing purposes among the customers in accordance with percentages specified by them, such percentages to remain in effect for a minimum of one month. Such percentages on file on the first day of any month will be used in computing that month's billing.

6 CHANNEL SERVICES (cont'd)

6.7 SERIES 5000 CHANNELS (cont'd)

6.7.6 Rates

	Per Airline Mile	
1. Base Capacity	<u>Per Month</u>	
Type 5500.....	\$ 31.18	(l)
Type 5600.....	53.14	(l)
Type 5700.....	72.20	(l)
Type 5800.....	153.75	(l)

6.7.7 Service Terminals – Rates and Applications

A service terminal is required for each service arranged for use by the customer, for each connection of such service to a station, or for each connection of such service to a Telephone Company office for the purpose of establishing a channel in connection with Foreign Exchange Service. The following charges apply:

a. Service Terminals for Use as Channels of a Lesser Capacity, per service terminal

(1) For the first station in an exchange or for a connection to a Telephone Company office on each service in use.

Voice

	<u>Installation Charge</u>	<u>Per Month</u>	
Types 5201, 5220, 5222, 5223, 5224, 5225 and 5226.....	\$40.69	\$58.41	(l)
Type 5240.....	40.69	65.00	(l)

Teletypewriter

Type 5101.....	40.00	45.29	(l)
Type 5150.....	40.00	48.13	(l)

Data

Type 5320.....	40.69	69.38	(l)
Type 5322.....	40.69	67.50	(l)

CHANNEL SERVICES (cont'd)

6.7 SERIES 5000 CHANNELS (cont'd)

6.7.7 Service Terminals – Rates and Applications (cont'd)

(2) For the second or subsequent station in an exchange on any individual service.

Voice

	<u>Installation Charge</u>	<u>Per Month</u>	
Type 5201.....	\$40.69	\$18.39	(I)
Type 5220.....	40.69	38.75	(I)
Types 5222, 5223 and 5224.....	40.69	38.75	(I)
Types 5225 and 5226.....	40.69	28.44	(I)
Type 5240.....	40.69	48.13	(I)

Teletypewriter

Type 5101.....	40.00	13.75	(I)
Type 5150.....	40.00	31.25	(I)

Data

Type 5320.....	40.69	51.88	(I)
Type 5322.....	40.69	50.00	(I)

b. Move Charges

When a service terminal is moved to a different building, Installation Charges apply.

When a service terminal is moved to a new location within the same building, one-half the Installation Charge applies.

6.7.8 Connecting Arrangements

A connecting arrangement is required for each connection of a channel furnished under this series to an interexchange channel furnished under other series, or other Price Guides of this Company.

6 CHANNEL SERVICES (cont'd)

6.7 SERIES 5000 CHANNELS (cont'd)

6.7.8 Connecting Arrangements (cont'd)

A connecting arrangement charge equal to the service terminal charge first for the station on such channel as specified in 2.a.(1) preceding applies for each such connecting arrangement.

6.7.9 Alternate Use Arrangements

Type 1 - For use on a two-point section of a Series 5000, type 5501 or type 5751, Channel to permit the alternate use of the channel as a channel of lesser capacity.

Requires the service terminals or connecting arrangements for the channels of lesser capacity that would be required for both types of operation.

At each terminal of a section or group of sections arranged for the alternate use Base Capacity equivalent to:

	Per	
	<u>Month</u>	
12 voice grade channels.....	\$83.75	(I)

At each terminal of a section or group of sections so arranged, a service terminal or connecting arrangement for each of the two types of operation is required for each channel arranged for use within the alternately used capacity.

6.7.10 Channel Conditioning Arrangement⁶

Where Series 5000, types 5220, 5320 and 5322, Interexchange Channels are provided for use with data service terminals and used with either type C1, C2 or C4 conditioning, channel conditioning arrangement charges as specified for Series 3000 Channels in Section 4 preceding apply.

6.8 SERIES 6000 CHANNELS*

6.8.1 Explanation of Terms

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

* Service is grandfathered in all wire centers.

6 CHANNEL SERVICES (cont'd)

6.8 SERIES 6000 CHANNELS (cont'd)

6.8.1 Explanation of Terms (cont'd)

a. Bridging Connection

A bridging connection is amplifying equipment and services required to connect a station, or an interexchange channel serving a station, at an intermediate point on an interexchange network, or to connect an additional station at a terminal point of an interexchange channel.

b. Distributing Center

A distributing center is amplifying and bridging equipment at Telephone Company premises where program transmission channels, used in connection with loudspeakers, are interconnected to form a network for distribution of program material to a number of loudspeaker locations.

c. Equalization

Equalization is a procedure applied to a program transmission channel so that the component frequencies of the program material transmitted have about the same relationship at the two ends of the channel.

d. Local Channel

A local channel is that portion of a Series 6000 Channel service furnished for audio transmission within an exchange area as follows.

(1) When no distributing centers are required; between the studio and a station, between studios, or between a studio or station and the point of connection with an interexchange.

(2) When one or more distributing centers are required; between the studio and the first distributing center, between distributing centers, between a distributing center and each station served there from, or between a studio or distributing center and the point of connection with an interexchange channel.

6 CHANNEL SERVICES (cont'd)

6.8 SERIES 6000 CHANNELS (cont'd)

6.8.1 Explanation of Terms (cont'd)

e. Station Connection

A station connection is amplifying equipment and services which may be required when a program is transmitted to or received from an interexchange channel or network.

f. Studio

A studio is premises, under the customer's control and arranged so as to prevent access by unauthorized persons where program material originates or is received for transmission to a program transmission channel.

6.8.2 Interexchange Channels, Station and Bridging Connections

a. Type 6003

Provides for the continuous use of music distribution facilities, without special operation and supervision, for the transmission of audio within the approximate frequency range of 2000 to 3,500 Hertz (Hz). Transmission factors permit the satisfactory transmission of the above frequency range only over limited distances. Type 6003 covers the provision of interexchange channel facilities and services, including the necessary bridging connections.

b. Type 6005

Provides for the continuous use of music distribution facilities, with special operation and supervision, for the transmission of audio within the approximate frequency range of 1,000 to 5,000 Hz. Type 6005 covers the provision of interexchange channel facilities and services, including such station connections as may be required.

6.8.3 Local Channel Mileage Measurement

- a. The local channel mileage is the airline distance in quarter miles, with fractional quarter miles being considered as full quarter miles, measured

6 CHANNEL SERVICES (cont'd)

6.8 SERIES 6000 CHANNELS (cont'd)

6.8.3 Local Channel Mileage Measurement (cont'd)

a. (cont'd)

between points specified in 1.d. preceding.

b. For pricing purposes, each channel or segment of a network is measured separately and the mileage for the network is the sum of the mileages so determined, with the first quarter charge applying only once on a network.

6.8.4 Rates

1. Local Channels

	<u>Per Month</u>		
	<u>First</u>	<u>Each Add'l</u>	
	<u>1/4 Mile</u>	<u>1/4 Mile</u>	
a. Different building or different premises Nonequalized.....	\$11.25	\$4.88	(I)
Equalized			
Approximate Frequency Range			
100 to 5,000 Hz	\$12.25	\$5.63	(I)
50 to 8,000 Hz	\$12.44	\$6.07	(I)
50 to 15,000 Hz	\$13.44	\$6.88	(I)
	<u>Installation</u>	<u>Per</u>	
	<u>Charge</u>	<u>Month</u>	
b. Equalization Charge			
Equalization, one channel, or two channels between the same points and equalized at the same time.....	\$42.50	None	(I)
2. Interexchange Channels, Station and Bridging Connections			
Type 6003 Interexchange Channel, per mile or fraction thereof		\$15.00	(I)

6 CHANNEL SERVICES (cont'd)

6.8 SERIES 6000 CHANNELS (cont'd)

6.8.4 Rates (cont'd)

2. Interexchange Channels, Station and Bridging Connections (cont'd)

Type 6003 (cont'd)

	<u>Installation Charge</u>	<u>Per Month</u>	
Bridging Connection, each†.....	-	\$75.00	(I)

Type 6005

Interexchange Channel, per mile or fraction thereof.....	-	\$25.00	(I)
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Station Connection, each†.....	-	\$343.75	(I)
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3. Distributing Center†

a. Each channel connecting a station of a distributing center.....	-	\$7.44#	(I)
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b. Establishment of a Distributing Center

A charge of \$606.25 applies for the establishment of a distributing center. (I)

Subject to a minimum charge of \$56.88 per month for each distributing Center, but not applicable for the channel connecting the customer's studio and a distributing center. (I)

6 CHANNEL SERVICES (cont'd)

6.9 RESERVED FOR FUTURE USE (cont'd)

(T)

(D)

(D)

6 CHANNEL SERVICES (cont'd)

6.9 RESERVED FOR FUTURE USE (cont'd)

(T)

(D)

(D)

6 CHANNEL SERVICES (cont'd)

6.9 RESERVED FOR FUTURE USE (cont'd)

(T)

(D)

(D)

6 CHANNEL SERVICES (cont'd)

6.9 RESERVED FOR FUTURE USE (cont'd)

(T)

(D)

(D)

6.10 SERIES 10000 CHANNELS*

(T)

6.10.1 General

Series 10000 channels (Entrance Facilities) are furnished by the Telephone Company for the purposes of extending customer-provided communications systems to a premises of the customer. Channels are furnished for half-duplex or duplex operation on a two-point basis.

* Service is grandfathered in Bethesda (CLLI=CHCHMDBE) wire center.

(N)

6 CHANNEL SERVICES (cont'd)

6.10 SERIES 10000 CHANNELS (cont'd)

6.10.1 General (cont'd)

Type 10001 - Approximate bandwidth of 300-3000 Hertz. 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 3000 channels.

6.10.2 Regulations for 10000 Channels

Type 10001

1. These channels are furnished by the Telephone Company to extend a customer-provided communications channel, voice grade or less, to a customer service point located 25 airline miles or less from the point at which the customer-provided communications channel is connected to the Telephone Company entrance facility.

2. Type 10001 channels may be connected:

a. With customer-provided channels of voice grade or less.

b. At the customer premises to customer-provided transmitting and receiving terminal equipment or to customer-provided communications systems for the purpose of communicating with transmitting and receiving terminal equipment located on the premises.

Note: The connections specified in a. and b. preceding shall be through connecting arrangements furnished, installed and maintained by the Telephone Company.

6.10.3 Rates

Upon written application, Type 10001 channels, including the required connecting arrangement(s), will be provided as specified for Individual Case Basis Offerings, pursuant the Company's Local Exchange Price Guide.

6 CHANNEL SERVICES (cont'd)

6.11 SERIES 11000 CHANNELS*

(T)

6.11.1 General

Series 11000 Channels, types 11080 and 11081 are unconditioned channels furnished for data use on a two-point basis. Each channel, consisting of two or four metallic conductors (one-or two-wire pairs), is capable of accommodating direct current (dc) transmission.

6.11.2 Regulations for 11000 Channels

1. Service Limitations

- a. Series 11000 Channels will be furnished only to connect locations within the same wire center serving area and where the total route mileage of the channel does not exceed six miles.
- b. Series 11000 Channels will be furnished only where operating and facility conditions permit.
- c. The Telephone Company does not guarantee the continued availability of Series 11000 Channels furnished, and reserves the right, after 30 days written notice to the customer, to discontinue the provision of such channels when required by changes in any of the facilities, operations or procedures of the Telephone Company.

2. Basic Parameters and Specifications

Basic Parameters	Specification or Limit	
	Nonloaded Channel	Loaded Channel
Channel Interface and Restrictions	As specified in applicable Technical Reference.	As specified in applicable Technical Reference.
DC Resistance	Shall not exceed 3060 ohms.	Shall not exceed 3150 ohms.
Attenuation Distortion	The attenuation distortion with respect to 1000 Hertz loss when connected in 135 ohms shall not exceed an additional 9db at 2400 Hertz, 20db at 4800 Hertz and 33db at 9600 Hertz.	

* Service is grandfathered in all wire centers.

(N)

6 CHANNEL SERVICES (cont'd)

6.11 SERIES 11000 CHANNELS (cont'd)

6.11.2 Regulations for 11000 Channels (cont'd)

2. Basic Parameters and Specifications (Cont'd)

Basic Parameters	Specification or Limit	
	Nonloaded Channel	Loaded Channel
Attenuation Distortion (Cont'd)	The attenuation distortion with respect to 1000 Hertz loss when connected in 600 ohms shall not exceed an additional 12db at 2400 Hertz, 25db at 4800 Hertz and 40db at 9600 Hertz.	The attenuation distortion with respect to 1000 Hertz loss when connected in 600 ohms shall not exceed an additional 3db at 2400 Hertz.
Noise	As measured with appropriate noise measuring equipment with 50 Hertz to 25,000 Hertz weighting network.	As measured with appropriate noise measuring equipment with C-message weighting network.
Background	When connected in 135 ohms shall not exceed -53dbm and when connected in 600 ohms shall not exceed -59 dbm.	When connected in 600 ohms shall not exceed -70 dbm.
Impulse	When connected in 135 ohms shall not exceed 7 counts in 15 minutes above a threshold of -37dbm. When connected in 600 ohms shall not exceed 7 counts in 15 minutes above a threshold of -43 dbm.	When connected in 600 ohms shall not exceed 15 counts in 15 minutes above a threshold of -31dbm.

6 CHANNEL SERVICES (cont'd)

6.11 SERIES 11000 CHANNELS (cont'd)

6.11.2 Regulations for 11000 Channels (cont'd)

2. Basic Parameters and Specifications (Cont'd)

Basic Parameters	Specification or Limit	
	Nonloaded Channel	Loaded Channel
Attenuation Loss	The 1000 Hertz loss when connected in 135 ohms shall not exceed:	
	Maximum end-to-end facility length in route miles	Maximum attenuation loss at 1000 Hertz, in db
	1	9.0
	2	13.5
	3	17.0
	4	20.0
	5	23.0
6	25.5	
	(Attenuation is measured between 135-ohm resistance connections)	
	The 1000 Hertz loss when connected in 600 ohms shall not exceed 21db.	The 1000 Hertz loss when connected in 600 ohms shall not exceed 15 db.

3. Channel Types

Type 11080, a two-wire interface with two-wire facilities.

Type 11081, a four-wire interface with four-wire facilities.

4. Terminal Equipment (data set) Requirements

Terminal equipment (data sets) is required to condition signals generated by apparatus furnished by the customer to signals suitable for

6 CHANNEL SERVICES (cont'd)

6.11 SERIES 11000 CHANNELS (cont'd)

6.11.2 Regulations for 11000 Channels (cont'd)

4. Terminal Equipment (data set) Requirements (Cont'd)

transmission on the channel and to condition signals received from such a channel to signals for delivery to apparatus furnished by the customer.

5. Channel Modification

The Telephone Company will remove load coils to meet the channel specifications selected by the customer. The rates for such channel modifications are as specified in C.2. following.

6.11.3 Rates

1. Channels

Between different buildings on the same or different premises routed through the serving wire center

Each channel between the station location and the serving wire center	Per <u>Month</u>
Types 11080	\$14.71
Types 11081	\$23.50

Where, at the option of the Telephone Company, a channel is provided directly between customer locations on different premises, i.e., does not route through a wire center, the monthly rate is equivalent to one channel, of the appropriate type, between the station location and the serving wire center.

2. Channel Modification Charges

Removal of Load Coils

First Pair Modified	<u>Charge</u>
First point unloaded	\$1315.00

6 CHANNEL SERVICES (cont'd)

6.11 SERIES 11000 CHANNELS (cont'd)

6.11.3 Rates (cont'd)

2. Channel Modification Charges (cont'd)

Each additional point unloaded	\$495.00
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Each Additional Pair Modified at the Same Points and
the Same Time as the First Pair

Per point unloaded	\$66.00
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6.12 DIGITAL DATA SERVICE*

(T)

6.12.1 General

Digital Data Service is furnished for the simultaneous two-way transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6 or 56 kilobits per second (Kbps). Service is provided to the customer for the transmission of communications to or from any station via a digital access line.

6.12.2 Regulations for Digital Data Service

1. Explanation of Terms

Channel Service Unit

Channel service units are standard interfaces which provide such functions as network protection, signal shaping, loop equalization and maintenance testing capability. It delivers to, and accepts from the customer's data terminal devices, serial balanced bipolar signals through an interface connector.

Digital Access Line

A digital access line, when used in connection with Digital Data Service, is a path for digital transmission furnished within the serving area of a digital city between the principal Telephone Company central office and a station.

* Service is grandfathered in Bethesda (CLLI=CHCHMDBE) wire center.

(N)

6 CHANNEL SERVICES (cont'd)

6.12 DIGITAL DATA SERVICE (cont'd)

6.12.2 Regulations for Digital Data Service (cont'd)

1. Explanation of Terms (cont'd)

Digital City

A digital city is a city in which a principal Telephone Company central office is located and which serves a specific area.

Digital City Rate Center

A digital city rate center is a specified geographical location in a digital city from which mileage measurements are determined for the application of mileage rates.

Digital City Serving Area

A digital city serving area is a specific geographic area served in and around a digital city.

Principal Telephone Company Central Office

A principal Telephone Company central office is the central office to which Digital Data Service digital access lines are routed and where access is provided to such lines and associated equipment for testing purposes or the central office designated to provide the same functions on a theoretic basis for the purpose of establishing a digital city.

Station

A station, in connection with Digital Data Service, is also a connection of a digital access line at a Principal Telephone Company central office for the purpose of connecting to a Channel Service connected in accordance with Digital Data Service connections in this Price Guide.

2. Availability of Service

Digital Data Service can only be provided from central offices equipped for Digital Data Service subject to the technical limitations of such equipment and availability of suitable facilities.

6 CHANNEL SERVICES (cont'd)

6.12 DIGITAL DATA SERVICE (cont'd)

6.12.2 Regulations for Digital Data Service (cont'd)

3. Provision of Service

a. Service is provided to the customer for the transmission of communications to or from any station via a channel and/or digital access lines.

b. The service options available to the customer are as follows:

(1) One-station Service

This service may consist of one digital access line furnished between a customer station and a central office equipped for Central Office Local Area Network Service.

(2) Two-station Service

This service may consist of:

(a) 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 or

(b) digital access lines furnished in the same digital city serving area for service between two stations.

(3) Multistation Service

This service may consist of:

(a) 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,

(b) 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 or

6 CHANNEL SERVICES (cont'd)

6.12 DIGITAL DATA SERVICE (cont'd)

6.12.2 Regulations for Digital Data Service (cont'd)

3. Provision of Service (cont'd)

(3) Multistation Service

(c) digital access lines furnished in the same digital city serving area for service between three or more stations.

A multistation arrangement is required per station to provide this service.

c. Service is provided to the customer via channels and/or digital access lines. Two types of digital access lines are offered as follows:

(1) Type I Digital Access Lines

Type I digital access lines are furnished to serve customer stations within the base-band transmission serving area of the principal Telephone Company central office or to serve stations located at the principal Telephone Company central office for the purpose of connecting to a Channel Service.

(2) Type II Digital Access Lines

Type II digital access lines are furnished to serve customer stations outside the baseband transmission serving area of the principal Telephone Company central office.

c. The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds while the channel is in service, if it is measured through a Telephone Company approved channel service unit equivalent.

6 CHANNEL SERVICES (cont'd)

6.12 DIGITAL DATA SERVICE (cont'd)

6.12.2 Regulations for Digital Data Service (cont'd)

3. Provision of Service (cont'd)

e. Digital Data Service requires a channel service unit at all times at the customer's premises and associated with the customer's data terminal devices.

4. Creation of Additional Bit Streams

The customer, by use of their own channel derivation equipment, may create digital bit streams from a Digital Service. This equipment may be connected at the customer's premises with the telecommunications network and Channel Services for the transmission of such bit streams over these facilities.

5. Suspension of Service

Digital Services, except Service at a Transmission Speed of 1.544 Megabits Per Second, may be suspended at the request of the customer without cancellation at any time after the initial contract period, subject to the following:

a. Service will be suspended for a period of not less than two weeks and not more than six months.

b. One-half of the monthly charge that would apply if the service were not suspended applies during the periods of suspension for digital access lines and associated equipment.

6. Connections

a. Customer-provided terminal equipment and customer-provided communications systems may be connected with facilities furnished for a Digital Service by the Telephone Company at the premises of the customer subject to the following: no service will be provided to the premises of an Other Common Carrier where the sole purpose of the service, including any bit streams derived therefrom, is to effect direct connection for

6 CHANNEL SERVICES (cont'd)

6.12 DIGITAL DATA SERVICE (cont'd)

6.12.2 Regulations for Digital Data Service (cont'd)

6. Connections (cont'd)

a. (cont'd)

through transmission with communications channels of an Other Common Carrier, except that service may be provided to the premises of an Other Common Carrier for connection to overseas facilities furnished by that carrier, or for connection of service provided to a Composite Data Service Vendor for the provision of composite data service.

b. In addition to the provisions for connections specified preceding, except service at a transmission speed of 56 Kbps, furnished by the Telephone Company may be connected at a Principal Telephone Company Central Office to a Channel Service furnished by the Telephone Company.

The types of channels that may be connected and the method of such connection are as follows.

A Series 3000, type 3120 or 3122, Channel or Series 5000, type 5302, 5320 or 5322, Channel may be connected to a Digital Data Service at a Principal Telephone Company Central Office by means of an Analog/ Digital Adaptor specified in this Price Guide.

6.12.3 Rates

1. Digital Access Lines, each

a. Type I

<u>Transmission Speeds</u>	<u>Installation Charge</u>	<u>Per Month</u>	
2.4 Kbps	\$22.00	\$128.02	(I)
4.8 Kbps	22.00	178.94	
9.6 Kbps	22.00	237.13	
56 Kbps	77.00	462.62	(I)

6 CHANNEL SERVICES (cont'd)

6.12 DIGITAL DATA SERVICE (cont'd)

6.12.3 Rates (cont'd)

1. Digital Access Lines, each (cont'd)

b. Type II <u>Transmission Speeds</u>	<u>Installation Charge</u>	<u>Per Month</u>		
		<u>Fixed</u>	<u>Per Mile*</u>	
2.4 Kbps	\$22.00	\$161.92	\$1.39	(l)
4.8 Kbps	22.00	\$206.20	\$1.39	
9.6 Kbps	22.00	\$250.47	\$2.91	
56 Kbps	77.00	\$503.47	\$13.56	(l)

2. Multistation Arrangement, per station..... Per Month
 \$25.30

3. Analog/Digital Adaptor

To permit the connection of a Series 3000, types 3002, 3120 or 3122, Channel or Series 5000, types 5320 or 5322, Channel and

a Digital Data Service

	<u>Per Month</u>
Adaptors providing connection to a Digital Data Service operating at 2.4 kilobits per second, each.....	177.10

Mileage is measured airline distance between the Digital City Rate Center and the wire center that normally serves the distant station.

4. Moves and Changes

- a. When a digital access line is moved to a different location in the same building on the same premises, a charge of one-half the Installation Charge applies.
- b. When a digital access line is relocated to a different premises or to a different building on the same premises, Installation Charges apply.
- c. When, at the request of the customer, an existing Digital Data Service is replaced by a Digital Data Service of a different Kbps, the charge

6 CHANNEL SERVICES (cont'd)

6.12 DIGITAL DATA SERVICE (cont'd)

6.12.3 Rates (cont'd)

4. Moves and Changes (cont'd)

c. (cont'd)

applicable is the same as that for a new installation of the replacing Digital Data Service.

5. Competitive Pricing Arrangements

Competitive pricing arrangements can be furnished to meet the communication needs of specific customers on a case by case basis under individual contracts. Contract rates, which are on file with the P.S.C. under proprietary agreement, will be priced above an established cost rate floor for the service and are structured in the same manner as the equivalent Access Service. The competitive pricing arrangement contracts, once executed, will also be on file with the P.S.C. under proprietary agreement.

D. SERVING AREAS

1. Digital Data Service is furnished within the following digital serving areas:

Baltimore
Silver Spring

2. Digital City Serving Areas

Central offices from which Type 1 and Type 2 digital access lines are provided are as specified by the Telephone Company.

6.13 HIGH CAPACITY DIGITAL SERVICE

6.13.1 General

Service is furnished on either a two-point basis between customer premises, or between another DS1-Type service provided in a C&P central office and a customer premises or between central offices for

6 CHANNEL SERVICES (cont'd)

6.13 HIGH CAPACITY DIGITAL SERVICE (cont'd)

6.13.1 General Rates (cont'd)

connection to other DS1-Type services. This service provides the simultaneous two-way transmission of serial, bi-polar, return-to-zero isochronous digital signals at a speed of 1.544 Megabits Per Second (Mbps).

6.13.2 Regulations

1. Provision of Service

a. A Channel Termination, when used at a transmission Speed of 1.544 Megabits Per Second, is a path for digital transmission furnished between the serving wire center and the customer's premises.

b. High Capacity Digital Service-DS1 will consist of one of the following configurations:

(1) Where both customer-designated premises are served by the same wire center the service will consist of two Channel Terminations only.

(2) Where both customer-designated premises are served by different wire centers the service will consist of two Channel Terminations and Channel Mileage between the wire centers involved.

(3) Where the High Capacity Digital Service-DS1 connects a customer designated premises to central office services provided with DS1 interface (i.e., COLAN, Centrex) located in a serving wire center, the service will consist of one Channel Termination, and Channel Mileage as applicable.

(4) Where the High Capacity Digital Service-DS1 interconnects separate central office services provided with DS1 interfaces located in separate serving wire centers, the service will consist of Channel Mileage only.

2. Availability of Service

High Capacity Digital Service-DS1 is available throughout Maryland. C&P, at its discretion, may deploy different types of transmission technology

6 CHANNEL SERVICES (cont'd)

6.13 HIGH CAPACITY DIGITAL SERVICE (cont'd)

6.13.2 Regulations (cont'd)

2. Availability of Service (cont'd)

and, in some areas, use redundant facilities to provide this service. Should a customer specifically request a type of technology other than what the Telephone Company might normally use to provision this service, Special Construction charges as stipulated in the General Regulations Price Guide apply. Should a customer request the use of redundant facilities in areas where they are not available at that time, Special Construction charges apply.

3. Interface and Performance specifications

High Capacity Digital Service-DS1 is provisioned with an electrical 4 wire interface at the customers' premises that complies with Bellcore Technical Publication TR-NPL-000054. Performance will be better than an Error Free Second rate of 99.0% over a 24 hour period. The customer's signal must comply with TR-NPL-000054 and they will be required to provide a suitable termination device - Channel Service Unit or equivalent.

4. Mileage Measurement

a. The mileage to be used to determine the monthly rate for the Channel Mileage is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with two customer designated premises. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designates premises would normally obtain dial tone.

b. Mileage is shown in C. following in terms of a per mile structure. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the Exchange Carrier Association Tariff F.C.C. No. 4, and apply the rates. When the calculation results in a fraction of a mile, always round up to the next whole mile before applying the rates.

6 CHANNEL SERVICES (cont'd)

6.13 HIGH CAPACITY DIGITAL SERVICE (cont'd)

6.13.2 Regulations (cont'd)

4. Mileage Measurement (cont'd)

c. All mileage between serving wire centers shall receive the application of one fixed mileage charge. The single recurring fixed mileage charge applies regardless of mileage length.

5. Optional Features and Functions

a. Clear Channel Capability (CCC) - Provides the ability to utilize the full 64 kbps of each of the 24 channels as defined in the Technical Publication TR-NPL-000054. Customers must agree to an out-of-service period when this feature is added to an existing service.

b. Extended Super Frame (ESF) - Allows the use of the framing signal for monitoring purposes as defined in TR-NPL-000054.

6. Minimum Revenue Guarantee

For circuits under contract discontinued prior to the end of the first year of the contract period, the customer will be liable for 100% of the total monthly charges at the then prevailing rate for the unexpired portion of the first year of the facility contract. In addition, the customer will be liable for 15% of the channel termination rate and 30% of the mileage rate for the remainder of the contract. For services discontinued after the first year, the customer will be liable for 15% of the channel termination rates and 30% of the mileage rates for the remainder of the contract period. Circuits remaining will either shift to a different plan or remain in the same plan as appropriate.

A customer may avoid termination penalties when moving DS-1 services within the LATA or upgrading to another Telephone Company service as long as: 1. they are replacing other Telephone Company channels with an equal or higher channel capacity than those disconnected, and 2. they pay the appropriate nonrecurring charges to establish the new service, and 3. they accept a momentary discontinuance of the existing service, and 4. the new service is ordered at the same time as the service being disconnected, and 5. the term plan of the new service be of equal or

6 CHANNEL SERVICES (cont'd)

6.13 HIGH CAPACITY DIGITAL SERVICE (cont'd)

6.13.2 Regulations (cont'd)

6. Minimum Revenue Guarantee (cont'd)

greater length than the remaining commitment period of the service being disconnected.

6.13.3 Rates

1. The Clear Channel Capability (CCC) and Extended Super Frame (ESF) optional features have no recurring monthly charge. When these features are installed coincident with the DS1 service, there are no additional charges. When installed subsequent to an existing service, a charge equal to a channel termination nonrecurring charge will apply for each channel termination converted.

2. Moves

a. When a customer or user requests a move or relocation of a Channel Termination, with no interruption of service, this move or relocation will be treated as a termination for the existing service and the establishment of a new service for the application of all charges.

b. When a customer or user requests a move of a Channel Termination, on the same premises in the same building, and accepts an interruption to the service, incident to the work involved, a charge equal to the estimated costs incurred by the Telephone Company will apply.

3. Channel Termination	Nonrecurring Charge		Per	
Per point of termination*...	<u>First</u>	<u>Additional</u>	<u>Month</u>	(l)
	\$610.56	\$273.36	\$284.63	
		<u>Per Month</u>		
		Fixed	Per	
		<u>Charge</u>	<u>Mile</u>	
4. Channel Mileage		\$63.25	\$37.95	(l)

*Subject to a minimum revenue guarantee of 1 month.

6 CHANNEL SERVICES (cont'd)

6.13 HIGH CAPACITY DIGITAL SERVICE (cont'd)

6.13.3 Rates

6. Minimum Revenue Guarantee (cont'd)

	#Nonrecurring Charge	<u>Per Mile</u>
5. Optional Features and Functions		
a. Clear Channel Capability.....	\$610.56	
b. Extended Super Frame.....	610.56	

6. Competitive pricing arrangements can be furnished to meet the communications needs of specific customers on a case-by-case basis under individual contracts. Contract rates will be priced above an established cost rate floor for the service and which is on file with the P.S.C. under proprietary agreement. The competitive pricing arrangement contracts, once executed, will also be filed with the P.S.C. under proprietary agreement.

#Nonrecurring charges applicable to additions to existing service only.

7. Contract Pricing

Nonrecurring charges are as specified in 3., preceding.

a. Plan 1 - 1 Circuit

Channel Terminations	<u>Per Month</u>	
2-Year Plan	\$235.13	
3-Year Plan	232.03	
5-Year Plan	216.56	
Mileage	<u>Per Month</u>	
	<u>Fixed</u>	<u>Per Mile</u>
2-Year Plan	\$52.25	\$31.35
3-Year Plan	51.56	30.93
5-Year Plan	48.13	28.88

6 CHANNEL SERVICES (cont'd)

6.13 HIGH CAPACITY DIGITAL SERVICE (cont'd)

6.13.3 Rates

7. Contract Pricing (cont'd)

b. Plan 2 - 2-4 Circuits

Channel Terminations	<u>Per Month</u>	
2-Year Plan	\$232.03	
3-Year Plan	216.56	
5-Year Plan	201.09	
 Mileage	 <u>Per Month</u>	
	<u>Fixed</u>	<u>Per Mile</u>
2-Year Plan	\$51.56	\$30.93
3-Year Plan	48.13	28.88
5-Year Plan	44.68	26.81

c. Plan 3 - 5-8 Circuits Per

Channel Terminations	<u>Per Month</u>	
2-Year Plan	\$216.56	
3-Year Plan	201.09	
5-Year Plan	185.63	
 Mileage	 <u>Per Month</u>	
	<u>Fixed</u>	<u>Per Mile</u>
2-Year Plan	\$48.13	\$28.88
3-Year Plan	44.68	26.81
5-Year Plan	41.25	24.75

d. Plan 4 - 9-16 Circuits

Channel Terminations	<u>Per Month</u>
2-Year Plan	\$201.09
3-Year Plan	185.63
5-Year Plan	170.16

6 CHANNEL SERVICES (cont'd)

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6.13 HIGH CAPACITY DIGITAL SERVICE (cont'd)

6.13.3 Rates

7. Contract Pricing (cont'd)

d. Plan 4 - 9-16 Circuits (cont'd)

Mileage	Per Month	
	<u>Fixed</u>	<u>Per Mile</u>
2-Year Plan	\$44.68	\$26.81
3-Year Plan	41.25	24.75
5-Year Plan	37.81	22.68

e. Plan 5 - More than 16 Circuits

Channel Terminations	<u>Per Month</u>
2-Year Plan	\$185.63
3-Year Plan	170.16
5-Year Plan	154.68

Mileage	Per Month	
	<u>Fixed</u>	<u>Per Mile</u>
2-Year Plan	\$41.25	\$24.75
3-Year Plan	37.81	22.68
5-Year Plan	34.38	20.63

6.14 HIGH CAPACITY DIGITAL HAND-OFF SERVICE

6.14.1 General

High Capacity Digital Hand-off Service is a high capacity digital channel which carries voice grade local exchange and Channel Services between the customer's serving central office and the customer's compatible premises equipment.

6.14.2 Regulations

1. Explanation of Terms

Dedicated Hand-off Facility

6 CHANNEL SERVICES (cont'd)

6.14 HIGH CAPACITY DIGITAL HAND-OFF SERVICE (cont'd)

6.14.2 Regulations (cont'd)

1. Explanation of Terms (cont'd)

Dedicated Hand-off Facility (cont'd)

The dedicated hand-off facility is a digital wideband channel operating at a transmission speed of 1.544 Mbps. It is a simultaneous two-way transmission media using serial, bipolar, return-to-zero, isochronous, alternating mark inversion format. It extends from a customer's high capacity interface to the serving central office where it is connected directly into the digital switch. A maximum of 24 local exchange direct inward dialed PBX trunks can be provided by each dedicated hand-off facility.

Multiplexed Hand-Off Facility

The multiplexed hand-off facility is a digital wideband channel operating at a transmission speed of 1.544 Mbps. It is a simultaneous two-way transmission media using serial, bipolar, return-to-zero, isochronous, alternating mark inversion format. It extends from the customer's high capacity interface to the serving central office where it is multiplexed for connection to a maximum of 24 local exchange or Channel Services.

Customers may utilize alternate high capacity digital facilities that meets the specifications as determined by the Company in lieu of the Multiplexed Hand-off Facility specified herein. The applicable rules, regulations and rates from the appropriate Company Tariff and/or Price Guide will apply for the alternate high capacity digital facilities. Clear Channel Capability (B8ZS) will be provided where available.

2. The customer must specify at the time of ordering, which channels of the (x) facility connect with which service requested. Any future additions and changes to channel assignments must also be coordinated with the Telephone Company. Applicable rates and charges for the voice grade services so affected will be charged.
3. Local exchange and Channel Services to be transported must emanate from either the customer's normal serving central office or a customer-

6 CHANNEL SERVICES (cont'd)

6.14 HIGH CAPACITY DIGITAL HAND-OFF SERVICE (cont'd)

6.14.2 Regulations (cont'd)

Multiplexed Hand-Off Facility (cont'd)

3. (cont'd)

specified foreign office. Channel Services may extend beyond the serving central office and will be provided via whatever facilities the Telephone Company chooses, subject to applicable rates and charges.

4. Series 1000 Channels and Digital Data Service Channels cannot be transported over High Capacity Digital Hand-off Service.

5. The interface at the customer's premises must conform with MetTel of Technical Publication TR000054 at the Digital Signal-1 level.

6. This service will only be offered where the serving central office is equipped to provide the service.

6.14.3 Rates

High Capacity Digital Hand-off Service	<u>Installation Charge</u>	<u>Per Month</u>	
1. Multiplexed Hand-off Facility, each.....	\$376.00	\$605.00	(I)
2. Dedicated Hand-off Facility, each.....	376.00	257.00	(I)