Interstate Service Guide
for Customers of Detariffed Access Services
within the operating territories
listed on the Title Pages

LEGAL NOTICE

The FRONTIER Interstate Service Guide and Pricelist (Guide) applies to the FRONTIER "Detariffed Services" (as defined below) and other telecommunications services that are set forth in this Guide.

Detariffed Services, as described in this document, are interstate special access services for which tariffs were withdrawn pursuant to FCC Report and Order, FCC 17-43, released April 28, 2017.

Beginning upon the effectiveness of the withdrawal of Detariffed Service tariffs, Detariffed Services will be subject to and provided pursuant to the rates, terms and conditions of this Guide, unless a separately executed service agreement between you and Frontier provides otherwise.

Prospective customers wishing to purchase services at the rates, terms and conditions in the Guide may do so by initiating orders through the same processes used to order services from FRONTIER's interstate access tariffs.

Unless a separately executed service agreement between you and Frontier provides otherwise, the Frontier Interstate Access Service agreement (or such other applicable Frontier services agreement) will apply to the following Detariffed Services as provided below:

- For any Detariffed Service that, on the date of its detariffing, was in-service and subject to a term commitment with a termination charge, beginning when that pre-existing term commitment no longer applies and that Detariffed Service is not disconnected.
- For any Detariffed Service that, on the date of its detariffing, had been ordered but is not yet installed, beginning when the first term commitment with a termination charge that applies to that ordered Detariffed Service no longer applies and that Detariffed Service is not disconnected.
- For any other Detariffed Service that is not described in the two preceding bullet points, beginning when the Detariffed Service may be disconnected without incurring a termination charge and is not disconnected.

Service that is ordered without a separately executed service agreement between you and FRONTIER that applies to that order, will also be subject to the FRONTIER Interstate Access Service Agreement at https://wholesale.frontier.com/docs/wholesaledocs/frontier-interstate-access-service-agreement.pdf.

The services described in the Service Guide may be available through negotiated agreements, which may include rates, terms or conditions more favorable to you than those in the Guide. Prospective customers wishing to purchase Guide services at rates, terms or conditions different from those described in the Guide and the applicable FRONTIER Interstate Access Service Agreement may contact their FRONTIER service representative or go to the FRONTIER website at https://wholesale.frontier.com/wholesale/access-services/interstate-service-guide

FRONTIER reserves the right to change the rates, terms and conditions in the Guide from time to time. Notification of Guide changes will be made available at the FRONTIER website.

Disclaimer: This documentation is for information purposes only and does not obligate Frontier to provide services in the manner herein described. Frontier reserves the right as its sole option to modify or revise the information in this document at any time without prior notice. In no event shall Frontier or its agents, employees, directors, officers, representatives or suppliers be liable under contract, warranty, tort (including but not limited to negligence of Frontier), or any other legal theory, for any damages arising from or relating to this document or its contents, even if advised of the possibility of such damages.

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ACCESS SERVICE

Regulations Rates and Charges applying to the provision of Access Services within a Local Access and Transport Area (LATA) or equivalent Market Area for connection to interstate communications facilities for customers within the operating territory of the Issuing Carriers listed below.

Southern New England Telephone Company in the state of Connecticut

Access Services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof.
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CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

NO OTHER PARTICIPATING CARRIERS

TRADEMARKS AND SERVICE MARKS

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ACCESS SERVICE

EXPLANATION OF ABBREVIATIONS

ABS - Alternate Billing Service
ac - Alternating Current
ACAT - Additional Cooperative Acceptance Testing
ANI - Automatic Number Identification
AP - Program Audio
AST - Automatic Scheduled Testing
CCS - A hundred call seconds
CCSA - Common Control Switching Arrangement
CCSN - Common Channel Signaling Network
CCS7 - Common Channel Signaling 7
CO - Central Office
Cont'd - Continued
CPE - Customer Provided Equipment
CST - Cooperative Scheduled Testing
CSU - Channel Service Unit
DA - Directory Assistance
dB - decibel
dc - Direct Current
DLR - Design Layout Report
DR - Daily Rate
DST - Dedicated Signaling Transport
DX - Duplex
EAS - Extended Area Service
ESSEX - Electronic Switching System Exchange
F.C.C. - Federal Communications Commission (Also FCC)
FG - Feature Group
FID - Field Identifier
GETS - Government Emergency Telecommunications Service
HC - High Capacity
Hz - Hertz
IC - Interexchange Carrier
ICB - Individual Case Basis
kbps - kilobits per second
kHz - kilohertz
ACCESS SERVICE

EXPLANATION OF ABBREVIATIONS (Cont'd)

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tr>
<td>LATA</td>
<td>Local Access and Transport Area</td>
</tr>
<tr>
<td>LIDB</td>
<td>Line Information Data Base</td>
</tr>
<tr>
<td>Mbps</td>
<td>Megabits per second</td>
</tr>
<tr>
<td>MECAB</td>
<td>Multiple Exchange Carrier Access Billing</td>
</tr>
<tr>
<td>MECOD</td>
<td>Multiple Exchange Carrier Ordering and Design</td>
</tr>
<tr>
<td>MFJ</td>
<td>Modified Final Judgment</td>
</tr>
<tr>
<td>MHz</td>
<td>Megahertz</td>
</tr>
<tr>
<td>MR</td>
<td>Monthly Rate</td>
</tr>
<tr>
<td>MRCC</td>
<td>Maritime Radio Common Carrier</td>
</tr>
<tr>
<td>MST</td>
<td>Manual Scheduled Testing</td>
</tr>
<tr>
<td>MTL</td>
<td>Maximum Termination Liability</td>
</tr>
<tr>
<td>MTS</td>
<td>Message Telecommunications Service(s)</td>
</tr>
<tr>
<td>NANP</td>
<td>North American Numbering Plan</td>
</tr>
<tr>
<td>NC</td>
<td>Network Channel (Code)</td>
</tr>
<tr>
<td>NCI</td>
<td>Network Channel Interface</td>
</tr>
<tr>
<td>NCT</td>
<td>Nonconversation Time</td>
</tr>
<tr>
<td>NPA</td>
<td>Numbering Plan Area</td>
</tr>
<tr>
<td>NRC</td>
<td>Nonrecurring Charge</td>
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<td>NS/EP</td>
<td>National Security and Emergency Preparedness</td>
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<td>NXX</td>
<td>Three-Digit Central Office Code</td>
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<tr>
<td>OPC</td>
<td>Originating Point Code</td>
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<tr>
<td>PBX</td>
<td>Private Branch Exchange</td>
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<tr>
<td>PCA</td>
<td>Protective Connecting Arrangement</td>
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<tr>
<td>PIU</td>
<td>Percentage of Interstate Usage</td>
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<tr>
<td>POT</td>
<td>Point of Termination</td>
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<tr>
<td>PPSN</td>
<td>Public Packet Switching Network</td>
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<tr>
<td>PSN</td>
<td>Public Switched Network</td>
</tr>
<tr>
<td>RCC</td>
<td>Radio Common Carrier</td>
</tr>
<tr>
<td>SCP</td>
<td>Service Control Point</td>
</tr>
<tr>
<td>SD</td>
<td>Service Designator (Code)</td>
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<td>SMS</td>
<td>Service Management System</td>
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<tr>
<td>SSNS</td>
<td>SNET SONET Network Service*</td>
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<tr>
<td>SSP</td>
<td>Service Switching Point</td>
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<td>SS7</td>
<td>Signaling System 7</td>
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<td>STP</td>
<td>Signal Transfer Point</td>
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<td>SWC</td>
<td>Serving Wire Center</td>
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* Effective July 31, 2003, SNET SONET Network Service (SSNS) will no longer be available to new customers. There will be no change to existing customers.
EXPLANATION OF ABBREVIATIONS (Cont'd)

TRS - Telecommunications Relay Service
TSP - Telecommunications Service Priority
TV - Television
UCD - Uniform Call Distribution
USOC - Uniform Service Order Code
VG - Voice Grade
V & H - Vertical & Horizontal
WAL - WATS Access Line
WATS - Wide Area Telecommunications Service(s)
WD - Wideband Data
WSO - WATS Serving Office

REFERENCE TO OTHER TARIFFS

Whenever reference is made in this Guide to other tariffs, the reference is to the tariffs in force as of the effective date of this Guide and to amendments and successor tariffs.

The following tariff is referenced in this Guide and may be obtained from the National Exchange Carrier Association, 80 South Jefferson Road, Whippany, NJ 07981-1009 or in electronic format on the Internet at www.neca.org.

National Exchange Carrier Association, Inc.
Tariff F.C.C. No. 4

REFERENCE TO OTHER PUBLICATIONS

The following publications are referenced in this Guide and may be obtained from Bellcore Customer Service, 8 Corporate Place, Room 3A-184, Piscataway, NJ 08854-4196.

Technical Reference:

PUB 41004

PUB 62310

PUB 62411
Issued: September, 1983   Available: September, 1983

PUB 62411A
REFERENCE TO OTHER PUBLICATIONS (Cont'd)

<table>
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<td>December, 1983</td>
<td>March, 1984</td>
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<td>SR-EOP-000191</td>
<td>April 1985</td>
<td>September, 1985</td>
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<td>September, 1990</td>
<td>October 1990</td>
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<td>August, 1993</td>
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<td>TR-TSV-000962</td>
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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

GR-253-CORE, Issue 1
Issued: December, 1994  Available: December, 1994

SR-NWT-001851, Issue 1

SR-INS-001532, Issue 1

SR-NPL-001434, Issue 1

GR-2904-CORE, Issue 1

GR-54-CORE
Issued: Issue 1, December, 1995  Available: December, 1995

GR-342-CORE
Issued: Issue 1, December, 1995  Available: December, 1995

TR-NWT-000246
Issued: July, 1985  Revised: December, 1992

TR-TSV-000905
Issued: August, 1989  Revised: August, 1991

TR-TSV-000954
Issued: November, 1989  Revised: November, 1992

TR-TSV-000338
Issued: September, 1993  Available: September, 1993

TR-TSY-000394
Issued: November, 1987  Revised: December, 1992

GR-63-CORE
Issued: Issue 1, October, 1995  Available: October, 1995

TR-NWT-001158

GR-2936
REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publication may be obtained from the Bell Communications Technical Education Center, Room B02, 6200 Route 53, Lisle, IL, 60532.

Telecommunications Transmission Engineering  
Volume 3 - Networks and Services (Chapter 6 and 7) Second Edition, 1980  
Issued: June, 1980  
Available: June, 1980

The following publication may be obtained from SNET Customer Carrier Interface Group, 3rd Floor, 530 Preston Avenue, Meriden, CT 06450.  
SNET-TEIG-001  
Issued: November, 1990  
Available: November, 1990

The following publication may be obtained from the National Exchange Carrier Association, Inc., Director - Tariff and Regulatory Matters, 100 So. Jefferson Road, Whippany, NJ 07981 and the Federal Communications Commission's commercial contractor.

PUB AS No. 1, Issue II  
Issued: May, 1984  
Available: May, 1984

The following publication may be obtained from the Southern New England Telephone Company, Staff Manager-Administration, 6th Floor, 300 George Street, New Haven, CT 06511.  
Access Provisioning Intervals (Revised edition)  
Issued: March, 1993


Dated: July 11, 1989  
Available: August, 1990

Dated: July 9, 1990  
Available: August, 1990
ACCESS SERVICE

REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following Ordering and Billing Forum standards may be obtained from Bell Communications Research, Customer Services, 60 New England Avenue, Piscataway, NJ 08854-4196.

Multiple Exchange Carrier Access Billing (MECAB)
Multiple Exchange Carrier Ordering and Design (MECOD)
Available: January 1, 1988

The following publications may be obtained from American National Standards Institute, Customer Service, 11 West 42nd Street, New York, NY 10036.

ANSI T1.502-1988
Telecommunications System M-NTSC Television Signals-Network Interface Specifications and Performance Parameters.

ANSI Technical Report 16

The following technical publications are referenced in this Guide and may be obtained from Assistant Manager - Technical Information Release Management (TIRM) at (847) 248-4328, Ameritech Services, Inc., Room 3A09F, 2000 W. Ameritech Center Drive, Hoffman Estates, Illinois 60196-1025:

SBC-TP-76412-000
Issued: March, 2003
Available: March, 2003

SBC-TP-76200MP
Issued: October, 2003
Available: October, 2003

AM-TR-NIS-000137
Issued: March, 1996
Available: March, 1996

The following publication may be obtained from NEC America, Inc., Customer Service, 8 Corporate Place, Room 3A-184, Piscataway, NJ 08854-4196.

NECA 340-407-000
REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publication may be obtained from Alcatel Network Systems, 1225 N. Alma Road, Richardson, TX 75081-2206.

Telettra DTV-45 Codec Video to DS3 Coder/Decoder, Engineering and Descriptive Information, Section 955-701-100, Issue 1, April 1992.

The following publication may be obtained from Pesa Switching Systems, Inc., 2102 West Ferry Way, Huntsville, AL 35801.


The following publication may be obtained from American Lightwave Systems, 999 Research Parkway, Meriden, CT 06450.


The following publication may be obtained from Staff Manager – Marketing Administration, 3rd floor, 530 Preston Avenue, Meriden, CT 06450.

SNET Publication: Provisioning for Signaling for Tandem Switching.
1. **Application of Guide**

1.1 This Guide contains regulations, rates and charges applicable to the provision of Special Access Services and other miscellaneous services, which are referred to collectively in this Guide as service(s).

1.2 The services are provided by the Southern New England Telephone Company which is referred to in this Guide as the Telephone Company.

1.3 The operating territory of the Telephone Company includes the geographical areas set forth in the National Exchange Carrier Association Tariff No. 4 associated with Company Code 5200.

1.4 The services in this Guide are provided to any individual, partnership, association, joint-stock company, trust, corporation, governmental entity, or other entity which subscribes to the services offered under this Guide. These entities, including both Interexchange Carriers (ICs) and End Users, are referred to in this Guide as customers.

1.5 Provision of the services in this Guide by the Telephone Company does not constitute a joint undertaking with the customer for the furnishing of any service.

1.6 References in this Guide to Local and/or General Exchange Service tariffs refer to tariffs of the Telephone Company which are subject to approval by a state regulatory commission.

1.7 References in this Guide to the Special Construction tariff refer to Frontier Telephone Companies Tariff F.C.C. No. 7, Special Construction.
2. General Regulations

2.1 Undertaking of the Telephone Company

(A) The Telephone Company does not undertake to transmit messages under this Guide.

(B) The Telephone Company shall be responsible only for the installation, operation and maintenance of the services it provides. The Telephone Company shall not be responsible to customers for end-to-end service of which the services provided under this Guide are part.

(C) Services are provided 24 hours daily, seven days per week, except as set forth in other applicable sections of this Guide.

(D) The Telephone Company does not warrant that its facilities and services meet standards other than those set forth in this Guide.

(E) The payment of rates and charges by customers for the services offered under the provisions of this Guide does not assign, confer or transfer title or ownership rights to proposals or facilities developed or utilized, respectively, by the Telephone Company in the provision of such services.

Facilities utilized by the Telephone Company to provide service under the provisions of this Guide shall remain the property of the Telephone Company. Such facilities shall be returned to the Telephone Company by the customer, whenever requested, within a reasonable period following the request, in as good condition as reasonable wear will permit.

(F) Telephone numbers assigned to services offered under this Guide shall remain the property of the Telephone Company.

When necessary in the conduct of its business, the Telephone Company reserves the reasonable right to assign, designate or change telephone numbers, any other call number designations associated with Access Services, or the Telephone Company serving central office prefixes associated with such numbers. Should it become necessary to make a change in such number(s), the Telephone Company will give the customer 6 months written notice by Certified U.S. Mail. The notice will include the effective date of the change and an explanation of the reason(s) for such change(s).

(G) The regulations set forth in this Guide shall apply to (1) access services ordered by a customer pursuant to Section 5, as well as to (2) facilities provisioned by the Telephone Company on behalf of a customer as DS1 or DS3 loop or transport, entrance facilities, dedicated DS0 and/or Optical Carrier Network unbundled network elements (UNEs), but which, as of March 12, 2006, are no longer available as UNEs and for which no alternative arrangements have been made as of March 12, 2006.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.2 Provision of Service

2.2.1 General

The Telephone Company will provide services offered in this Guide on a first-come, first-served basis at the rates and charges specified herein upon reasonable notice and to the extent that such services are or can be made available with reasonable effort:

(A) after provision has been made for the Telephone Company's Telephone Exchange Services and

(B) in accordance with Part 64, Subpart D, Appendix A, of the FCC's Rules and Regulations, which specifies the procedures for the use and restoration of leased intercity private line services in emergencies.

2.2.2 Routing of Facilities

The Telephone Company will determine the routing of facilities used for the provision of service. Other routing may be provided pursuant to the Section 11 Special Facilities Routing of Access Services regulations or the Telephone Company's Special Construction tariff.

2.2.3 Type of Facilities

The Telephone Company will determine the type of facilities used for the provision of service. Other types of facilities may be provided pursuant to the Telephone Company's Special Construction Tariff.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.2 Provision of Service (Cont'd)

2.2.4 Design Layout Report

At the customer's request, the Telephone Company will furnish information regarding the facilities used to provision services provided under this Guide to aid the customer in designing its overall service. Such information will be made available in the form of a Design Layout Report (DLR). The DLR will be reissued or updated whenever the facilities used to provide service are materially changed. For Switched Access Service, the DLR will provide information from the customer premises to the first point of switching only.

2.2.5 Installation and Termination of Services

An individual Access Service has only one Point of Termination per customer premises, i.e., there are no provisions for intra-premises extensions. The Telephone Company will provide additional Points of Termination at an additional charge. The charge for additional points of termination will include the cost of additional materials and labor. The services provided under this Guide include any entrance cable or drop wiring and wire or intra-building cable up to the point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location inside a customer premises. Services will be installed by the Telephone Company to such Point of Termination. Any additional wiring beyond the Point of Termination is the sole responsibility of the customer. Since the Point of Termination is an inherent part of Access Service, the Point of Termination may be moved as set forth in Section 2.10.3(B).
2. **General Regulations (Cont'd)**

2.2 **Provision of Service (Cont'd)**

2.2.6 **Substitutions, Changes and Rearrangements**

In accordance with Part 68.110(b) of the FCC Rules and Regulations which pertains to changes in Telephone Company facilities, equipment, operations, or procedures, the Telephone Company may, where such action is reasonably required in the operation of its business:

**(A)** substitute, change or rearrange any facilities used in providing service under this Guide, including but not limited to:

1. substitution of different metallic facilities,
2. substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities and
3. substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities,

**(B)** change minimum protection criteria,

**(C)** change operating or maintenance characteristics of facilities, or

**(D)** change operations or procedures of the Telephone Company.

In case of any such substitution, rearrangement or change, the transmission parameters will remain within the range set forth in the technical reference publications for the service involved. The Telephone Company shall not be responsible if any such substitution, rearrangement or change renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance.

If such substitution, rearrangement or change materially affects the operating characteristics of the facility, the Telephone Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Telephone Company will work cooperatively with the customer to determine reasonable notification requirements.
2. General Regulations (Cont'd)

2.3 Refusal and Discontinuance of Service

The Telephone Company may refuse additional applications for service or discontinue the provision of services as set forth in 2.3(A)(1) and 2.3(A)(2) following, unless the regulations pertaining to Interference or Impairment (Section 2.5.6) or Connections (Section 2.6) apply, if a customer fails to comply with regulations pertaining to Unlawful and Abusive Use (Section 2.5.1), Damage to Facilities (Section 2.5.7), Availability for Testing (Section 8.2), Payment of Rates, Charges and Deposits (Section 2.8), including any payments to be made by it on the dates and times herein specified.

(A) The Telephone Company may initiate any or all of the actions described in 2.3(A)(1) and 2.3(A)(2) on fifteen (15) calendar days written notice for failure to comply with the bill payment provisions in Section 2.8.2(B) if:

(i) the Telephone Company has sent the subject bill to the customer within seven (7) business days of the bill date; or

(ii) the Telephone Company has sent the subject bill to the customer more than thirty (30) calendar days before notice under this section is given.

The 15 day notice will be made by Overnight Delivery to the person designated by that customer to receive such notices of noncompliance, such notice period to start the day after the notice is sent.

For all other compliance failures not qualifying for 15 day notice, the Telephone Company will give thirty (30) calendar days written notice by Overnight Delivery or Certified U.S. Mail (return receipt requested) to the person designated by that customer to receive such notices of noncompliance, such notice period to start the day after the notice is sent. The Telephone Company will maintain records sufficient to validate the date upon which a bill was sent to a customer.

Overnight Delivery under this section shall be performed by a reputable carrier such as the U.S. Postal Service Express Mail, Airborne, United Parcel Service, or Federal Express.
2. **General Regulations (Cont'd)**

2.3 **Refusal and Discontinuance of Service (Cont'd)**

(A) (Cont'd)

(1) Refuse additional applications for service and/or refuse to complete any pending orders for service by the noncomplying customer at any time thereafter. The Telephone Company may also refuse to accept and process any requests from end users or from the customer to designate that customer as the end user's Primary Interexchange Carrier (PIC), as described in Section 4, following. If an end user contacts the Telephone Company to designate the customer as the end user's PIC, the end user will be given the choice of either remaining with the end user's existing PIC or selecting a new PIC other than the customer. If the Telephone Company does not refuse additional applications for service or PIC changes to the customer on the date specified in the fifteen (15) or thirty (30) days' notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service to the noncomplying customer without further notice.

(2) Discontinue the provision of the services to the noncomplying customer. If the Telephone Company discontinues service, it will no longer route any switched access traffic that uses the customer's Carrier Identification Code(s) (CIC). In the case of such discontinuance, all applicable charges, including termination charges, shall become due. If the Telephone Company does not discontinue the provision of the services involved on the date specified in the notice and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to discontinue the provision of the services to the noncomplying customer without further notice.

The Telephone Company will not initiate any of the actions described in paragraphs (1) and (2) above as to disputed bill amounts where the customer does not pay disputed bill amounts by the bill due date as specified in Section 2.8.2(B), and the Telephone Company has not rendered a decision on the dispute. The dispute process is outlined in 2.8.3.
2. **General Regulations (Cont'd)**

2.3 **Refusal and Discontinuance of Service (Cont'd)**

   (B) When access service is provided by more than one telephone company, the companies involved in providing the joint service may individually or collectively deny service to a customer for nonpayment. Where the telephone companies affected by the nonpayment are incapable of effecting discontinuance of service without cooperation from the other joint providers of Switched Access Service, such other telephone companies will, if technically feasible, assist in denying the joint service to the customer. Service denial for such joint service will only include calls which originate or terminate within, or transit, the operating territory of the telephone companies initiating the service denial for nonpayment. When more than one of the joint providers must deny service to effectuate termination for nonpayment, in cases where a conflict exists in the applicable tariff provisions, the tariff regulations of the telephone company where the customer end office is located shall prevail for joint service discontinuance provisions.

2.4 **Telephone Company Liability**

   (A) The Telephone Company's failure to provide or maintain services under this Guide shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Telephone Company, acts of God and other circumstances beyond the Telephone Company's reasonable control.

   (B) The Telephone Company's liability, if any, for its willful misconduct is not limited by this Guide. With respect to any other claim or suit, by a customer or by any others, for damages associated with the installation, provision, preemption, termination, maintenance, repair or restoration of service, and subject to the provisions of C. through G. following, the Telephone Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which service was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this Guide as a Credit Allowance for a Service Interruption.

   (C) The Telephone Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Telephone Company for its own act of omission hold liable any other carrier or customer providing a portion of a service.
2. **General Regulations (Cont'd)**

2.4 **Telephone Company Liability (Cont'd)**

**(D)** The Telephone Company is not liable for damages to the customer premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Telephone Company's negligence.

**(E)** The Telephone Company shall be indemnified, defended and held harmless by the IC or the end user against any claim, loss or damage arising from the IC's or end user's use of services offered under this Guide, involving:

1. Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the IC’s or end user’s own communications;

2. Claims for patent infringement arising from the IC’s or end user’s acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the IC or end user;

3. All other claims arising out of any act or omission of the IC or end user in the course of using services provided pursuant to this Guide.

**(F)** No license under patents (other than the limited license to use) is granted by the Telephone Company or shall be implied or arise by estoppel, with respect to any service offered under this Guide. The Telephone Company will defend the customer against claims of patent infringement arising solely from the use by the customer of services offered under this Guide and will indemnify such customer for any damages awarded based solely on such claims.

**(G)** The Telephone Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to such customer’s use of services so provided.

**(H)** The regulation for the installation, use and restoration of Telecommunications Service Priority (TSP) System services shall be subject to Part 64.401, Appendix A, of the Federal Communications Commission’s Rules and Section 10 following.
2. **General Regulations (Cont'd)**

2.5 **Obligations of the Customer**

2.5.1 **Unlawful and Abusive Use**

The services provided under this Guide shall not be used for an unlawful purpose or used in an abusive manner.

(A) Abusive use includes:

(1) The use of the service of the Telephone Company for a call or calls, anonymous or otherwise, in a manner reasonably expected to frighten, abuse, torment, or harass another;

(2) The use of the service in such a manner as to interfere unreasonably with the use of the service by one or more other customers.

(B) The Telephone Company shall, upon written request from a customer or another exchange carrier, terminate service to any subscriber or customer identified as having utilized service provided under this Guide in the completion of abusive or unlawful telephone calls. Service shall be terminated by the Telephone Company as provided for in its general and/or local exchange service tariffs.

(C) In such instances when termination occurs, as in (B) preceding, the Telephone Company shall be indemnified, defended and held harmless by the customer or any other Exchange Carrier or party against any claim, loss or damage arising from the Telephone Company's actions in terminating such service, unless caused by the Telephone Company's negligence.

2.5.2 **Equipment Space and Power**

The customer shall furnish or arrange to have furnished to the Telephone Company at no charge, equipment space and electrical power required by the Telephone Company to provide services under this Guide at the points of termination of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the Telephone Company. The customer shall also make necessary arrangements in order that the Telephone Company will have access to such spaces at reasonable times for installing, testing, repairing or removing Telephone Company services.

2.5.3 **Design of Customer Services**

Subject to the provisions of Section 2.2.5, the customer shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Telephone Company, minimum protection criteria or operating or maintenance characteristics of the facilities.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.5 Obligations of the Customer (Cont'd)

2.5.4 References to the Telephone Company

The customer may advise End Users that certain services are provided by the Telephone Company in connection with the service the customer furnishes to End Users; however, the customer shall not represent that the Telephone Company jointly participates in the customer's services.

2.5.5 Assignment or Transfer of Service

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

(A) another customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such services, and the unexpired portion of the minimum period and the termination liability applicable to such services, if any; or

(B) a court-appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such services, if any.

In all cases of assignment or transfer, the written acknowledgment of the Telephone Company is required prior to such assignment or transfer which acknowledgment shall be made within 15 days from the receipt of notification. All regulations and conditions contained in this Guide shall apply to such assignee or transferee.

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

2. General Regulations (Cont'd)

2.5 Obligations of the Customer (Cont'd)

2.5.6 Interference or Impairment

(A) All signals for transmission over the services provided under this Guide shall be delivered by the customer balanced to ground except for ground start, duplex (DX) and McCulloh-Loop (Alarm System) type signaling and dc telegraph transmission at speeds of 75 baud or less.

(B) The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Telephone Company and associated with the facilities utilized to provide services under this Guide shall not interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public.

(C) Except as provided for equipment or systems subject to Section 68.108 of the FCC's Rules and Regulations, if such characteristics or methods of operation are not in accordance with (A) and (B) preceding, the Telephone Company will, where practicable, notify the customer that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of a service if such action is reasonable under the circumstances. In case of such temporary discontinuance, the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During this period of temporary discontinuance, credit allowance for service interruptions is not applicable.

2.5.7 Damage to Facilities

The customer shall reimburse the Telephone Company for damages to Telephone Company facilities utilized to provide services under this Guide caused by the negligence or willful act of the customer or resulting from the customer's improper use of the Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The Telephone Company will, upon reimbursement for damages, cooperate with the customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment.
2. **General Regulations** (Cont'd)

2.5 **Obligations of the Customer** (Cont'd)

2.5.8 **Claims and Demands for Damages**

(A) With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the services provided under this Guide, any circuit, apparatus, system or method provided by the customer.

(B) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's services provided under this Guide, including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain in effect any necessary certificates, permits, licenses or other authority to acquire or operate the services provided under this Guide; provided, however, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortious conduct of the customer, its officers, agents or employees.

(C) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act or omission of the customer in the course of using services provided under this Guide.
2. General Regulations (Cont'd)

2.5 Obligations of the Customer (Cont'd)

2.5.9 Certification of Special Access as Interstate

(A) Special Access lines, including Access Advantage Plus (AA+) Transport Service, are classified as interstate and provided in accordance with this Guide when the lines carry more than ten percent interstate traffic. When the percent of interstate usage is less than ten percent, the lines will be provided in accordance with the appropriate intrastate tariff.

(B) The customer shall certify whether or not interstate traffic is greater than ten percent of the total traffic carried on the Special Access line(s). This certification will be provided to the Telephone Company by the customer as follows:

- when ordering the line(s) via the Access Service Request (ASR) form, or

- in the form of written correspondence with clear identification of each line involved and the customer designated jurisdiction associated with each line at the time that the line(s) are ordered.

(C) With respect to billing disputes regarding the jurisdiction of a Special Access Service, the customer shall be required to provide to the Telephone Company general information on system design and function that is used by the customer to determine the jurisdiction of the Special Access Service.
2. **General Regulations (Cont'd)**

2.6 **Connections**

Equipment and Systems, i.e., terminal equipment, multiline terminating systems and communications systems, may be connected with Switched and Special Access Service furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publication AS No. 1.

2.7 **Reserved**
2. General Regulations (Cont'd)

2.7 Reserved
ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Reserved
ACCESS SERVICE

2. General Regulations (Cont'd)
   2.7 Reserved
ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Reserved
2. **General Regulations (Cont'd)**

2.7 Reserved
2. General Regulations (Cont'd)

2.7 Reserved
2. **General Regulations (Cont'd)**

   2.8 **Payment Regulations**

   2.8.1 **Deposits**

   To protect itself from the risk of non-payment, the Telephone Company may require a customer to provide a cash deposit in those instances specified in 2.8.1(A) below.

   (A) There is a proven history of late payments or the customer has not demonstrated established credit. A proven history of late payments is defined as 2 or more occasions within the preceding 12 months in which payment(s) for the undisputed charges of that month’s total billings (sum of all bills sent in that month for all accounts for all services provided under this Guide by the Telephone Company) was

   (1) not received within 3 business days following the payment due date and
   (2) the payment(s) not received within 3 business days represented at least 10% of the month’s total billings for all accounts for all services provided under this Guide by the Telephone Company.

   Example for January 2005 billings:

   Assume:
   $100 payment for a January billing received on the due date
   $100 payment for a January billing received 1 business day late
   $100 payment for a January billing received 4 business days late

   Total January billings for all accounts for all services provided under this Guide by the Telephone Company sum to $300. There are no disputes.

   One payment is recognized as being late since it is beyond 3 business days late and it represents 33% of the monthly billings. This would represent the first occasion of a monthly late payment.

   Disputed billed amounts for the sake of this section are disputed via the process outlined in 2.8.3.
2. General Regulations (Cont'd)

2.8 Payment Regulations

2.8.1 Deposits

(A) (Cont'd)

In the event that a customer has a history of late payments or has not demonstrated established credit, the Telephone Company may require the customer to pay a two-month deposit based on the total charges billed and rendered by the Telephone Company for the most recent two months of service. In the event the customer has not received two months of service from the Telephone Company, the two-month deposit will be based on charges estimated by the Telephone Company for the initial two-month period.

The Telephone Company will provide the customer written notice by Overnight Delivery as described in 2.3(A) if a deposit is required under this section. The customer must pay the two-month deposit within 15 business days following the date the written notice is sent to the customer. Such notice period will begin the day after the notice is sent. If the customer fails to pay the deposit by the due date, as described above, the Telephone Company may send the customer a written notice by Overnight Delivery stating that if the deposit is not received within 15 calendar days of the original deposit due date, the Telephone Company may take any or all of the actions specified in Section 2.3(A).

Simple interest at a rate outlined in 2.8.1(A)(1), following, will accrue on cash deposits. Simple interest will be applied for the number of days from the date the customer deposit is received by the Telephone Company to and including the date such deposit is credited to the customer's account or the date the deposit is refunded by the Telephone Company.

The cash deposit will be returned, with any accrued, uncredited interest within 15 business days of when a customer with a history of late payments or no established credit history demonstrates a one-year prompt payment record (undisputed billed balances are paid within the bill payment requirements outlined in 2.8.2(B)). In the event the provision of all service to the customer is terminated and the Telephone Company maintains a cash deposit from the customer, the deposit and any accrued, uncredited interest will be applied to any outstanding sums owed to the Telephone Company, and any remaining balance will be returned to the customer.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.8 Payment Regulations

2.8.1 Deposits

(A) (Cont'd)

<table>
<thead>
<tr>
<th>State</th>
<th>Interest Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecticut</td>
<td>1.5% per month (.0004931 per day) or 18% annually.</td>
</tr>
</tbody>
</table>

2.8.2 Billing and Payment Dates

(A) End User Access Service and Presubscription

The Telephone Company will establish a monthly billing date for each end user account and shall bill all End User Access Service and Presubscription charges incurred by, and credits due to, the customer under this Guide on a current basis. Charges shall be billed in advance for services to be provided during the ensuing billing period, except for the Federal Government, which will be billed in arrears. Any applicable current charges, any known unbilled charges for prior periods and any known unbilled adjustments for prior periods will be applied to this bill. Bills are due when rendered.
2. **General Regulations** (Cont'd)

2.8 **Payment Regulations** (Cont'd)

2.8.2 **Billing and Payment Dates** (Cont'd)

(B) **Service Other Than End User Access Service and Presubscription**

The Telephone Company will establish a monthly billing date for each customer account and shall bill all charges incurred by, and credits due to, the customer under this Guide on a current basis. Charges are billed in advance for services to be provided during the next billing period, except for usage sensitive charges and charges to the Federal Government which are billed in arrears. The bill will cover nonusage sensitive charges for the next billing period, any known unbilled nonusage sensitive charges for prior billed periods, and usage charges accrued since the last billing date. Any known unbilled usage charges or adjustments for prior periods will also be applied to the bill.

Bills are due in immediately available funds 31 days after the billing date or by the next billing date, whichever is the shortest interval, except when this would cause payment to be due on a Saturday, Sunday or Holiday. If the payment due date falls on a Saturday, Sunday or a Holiday the payment date shall be the first business day following such Saturday, Sunday or Holiday.

Immediately available funds denote a corporate or personal check drawn on a bank account and funds which are available for use by the receiving party on the same day on which they are received and include U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, U.S. Postal Money Orders and New York Certificates of Deposit.

The holidays covered by this regulation include New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, the second Tuesday in November and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed.

If any portion of the payment is received by the Telephone Company after the payment date, or if any portion of the payment is received by the Telephone Company in funds which are not immediately available to the Telephone Company, then a late payment penalty shall be due to the Telephone Company. The late payment penalty shall be the portion of the payment not received by the payment date multiplied by a late factor. The late factor shall be simple interest at the rate of 1.5% per month (.0004931 per day) or 18% annually.
2. **General Regulations** (Cont'd)

2.8 **Payment Regulations** (Cont'd)

2.8.3 **Billing Disputes**

(A) In the event that a billing dispute occurs concerning any charges billed to the customer by the Telephone Company the following regulations will apply.

(1) A good faith dispute requires the customer to provide a written claim to the Telephone Company. Instructions for submitting a dispute can be obtained by calling the billing inquiry number shown on the customer’s bill. Such claim must identify in detail the basis for the dispute, the account number under which the bill has been rendered, the date of the bill and the specific items on the bill being disputed, to permit the Telephone Company to investigate the merits of the dispute.

(2) The date of the dispute shall be the date on which the customer furnishes the Telephone Company the account information required by Section 2.8.3(A)(1).

(3) The date of resolution shall be the date on which the Telephone Company completes its investigation of the dispute, notifies the customer in writing of the disposition and, if the billing dispute is resolved in favor of the customer, applies the credit for the amount of the dispute resolved in the customer’s favor to the customer’s bill.

(4) If the dispute is decided to be in favor of the Telephone company, then the resolution date will be the date upon which a written decision on this dispute is sent to the customer.

(B) Any payments withheld pending settlement of the dispute shall be subject to the late payment penalty set forth in 2.8.2(B) preceding.

(C) If the customer disputes the bill in writing on or before the payment date and pays the undisputed amount on or before the payment date, any late payment charge for the disputed amount will not start until 10 working days after the payment date.
2. General Regulations (Cont'd)

2.8 Payment Regulations (Cont'd)

2.8.3 Billing Disputes (Cont'd)

(D) If the billing dispute is resolved in favor of the customer, no late payment penalty will apply to the disputed amount.

(1) In addition, if the customer disputes the bill amount in writing within 90 days of the payment date and pays the total amount (i.e., the undisputed amount and the disputed amount) and the billing dispute is resolved in the favor of the customer, the Telephone Company will refund the disputed amount plus a disputed amount penalty from the date the customer paid the bill to the date of the resolution of the dispute. If the customer files a claim in writing more than 90 days after the payment date and pays the total amount and the billing dispute is resolved in favor of the customer, the Telephone Company will refund the disputed amount plus a disputed amount penalty from the later of 1) the date the claim was filed or 2) the date payment of the disputed amount was received, to the date of resolution of the dispute.

(2) The disputed amount penalty shall be the disputed amount resolved in the customer's favor times a penalty factor. The penalty factor shall be simple interest at the rate of 1.5% per month (.0004931 per day) or 18% annually.
2. **General Regulations (Cont'd)**

2.8 **Payment Regulations (Cont'd)**

2.8.4 **Adjustments for Services Discontinued in a Billing Period**

Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period set forth for services in other sections of this Guide will be prorated to the number of days or major fraction of days based on a 30 day month. Upon request, the Telephone Company will furnish such detailed information as may reasonably be required for verification of any bill if such information is available.

2.8.5 **Rounding**

When a rate in this Guide is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny, i.e., rounded to two decimal places.

2.8.6 **Multiple Copies of Bills**

When more than one copy of a customer bill for services provided under the provisions of this Guide is furnished to the customer, an additional charge applies for each additional copy of the bill as set forth in Section 13.1.
2. **General Regulations** (Cont'd)

2.9 **Billing of Access Service Provided by Multiple Companies**

When an Access Service is ordered by a customer where one end of the service is in one Exchange Telephone Company operating territory and the other end is in another Exchange Telephone Company operating territory, the Exchange Telephone Companies involved will agree upon a billing, design and ordering arrangement which is consistent with the provisions contained in this section and the Ordering and Billing Forum standards, Multiple Exchange Carrier Access Billing (MECAB) and Multiple Exchange Carrier Ordering and Design (MECOD). The multiple bill arrangement, as described following, is the only option available to the customer. If any changes are made in these arrangements, the Exchange Telephone Companies involved will give affected customers 30 days notice prior to implementation.

At the time an order is placed, the customer will be notified of the arrangement which will apply and any pertinent information pertaining thereto, e.g., the entity to which payment should be made, the entity to which billing inquiries should be made, the entity which will be responsible for adjustments to bills, etc.

2.9.1 **Arrangement for Feature Group A (FGA) Service**

(A) **Ordering**

The company where the first point of switching is located shall accept the order for FGA service. The other company(ies) involved shall also receive copy of the order from the customer.

(B) **Rating and Billing of Service**

The company that accepts the order for service will arrange to provide the service, bill and collect all appropriate charges in accordance with the regulations, rates and charges in its Access Service tariff.

2.9.2 **Multiple Bill Arrangement for Service Other than FGA**

(A) **General**

Separate bills will be rendered by the Exchange Telephone Companies for Access Service other than FGA.

(B) **Ordering**

Each company will accept an order for service from the customer.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Billing of Access Service Provided by Multiple Companies (Cont'd)

2.9.2 Multiple Bill Arrangement for Service Other than FGA (Cont'd)

(C) Rating and Billing of Service

Each company will provide its portion of the Access Service based on the regulations, rates and charges contained in its Access Service tariff, subject to the following rules, as appropriate:

(1) Each Telephone Company’s portion of the Local Transport and Channel mileage will be developed as follows:

(a) The total mileage for the service is computed using the V&H Coordinate Method set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4 (NECA No. 4)

(b) A billing factor is determined from NECA No. 4 for the Telephone Company premises and/or the interconnection point(s) involved

(c) Originating rates are applicable when originating Tandem Switched Transport is provided. Terminating Tandem 3rd Party rates are applicable when Terminating Tandem Switched Transport is provided through a Frontier Telephone Companies ILEC Access Tandem and the Terminating End Office is not owned by a Frontier Telephone Companies ILEC. Terminating Tandem 3rd Party rates are also applicable when Terminating Tandem Switched Transport is provided through an ILEC Access Tandem not owned by a Frontier Telephone Companies ILEC and the Terminating End Office is owned by a Frontier Telephone Companies ILEC (including Direct-Trunked Transport arrangements), otherwise, Terminating – Tandem End Office rates apply.

Examples of this methodology are shown in Section 2.9.2 D.
2. **General Regulations (Cont'd)**

2.9 **Billing of Access Service Provided by Multiple Companies (Cont'd)**

2.9.2 **Multiple Bill Arrangement for Service Other than FGA (Cont'd)**

**C) Rating and Billing of Service (Cont'd)**

(2) The application of nondistance sensitive rate elements varies according to the rate structure and the location of the facilities involved:

(a) When rates and charges are listed on a per point of termination basis, 100% of this company's rates will be billed for the termination(s) within this company's operating territory only.

(b) When rates and charges are listed on a per unit basis, e.g., central office bridging or multiplexing, 100% of this company's rates and charges will apply for units located in this company's operating territory only.

(c) When rates and charges are developed on an individual case basis, such rates will be developed for the portion of the service provided by this company.

(d) When rates and charges are listed on a per minute of use basis, e.g., Tandem-Switching charge, 100% of this company's rates will be billed if the Telephone Company access tandem is located in this company's operating territory.

(e) Pursuant to meet point billing agreements between the Telephone Company and certain Certified Local Exchange Carriers (CLECs), the Telephone Company may also assess the interconnection charge when traffic has originated or terminated at CLEC end offices.

(3) There are no intermediate, non-terminating exchange carriers in the company's operating territory. No termination charges are imposed by any intermediate, non-terminating exchange carriers in a jointly-provided meet point billing access arrangement associated with this company.
ACCESS SERVICE

2. **General Regulations** (Cont'd)

2.9 **Billing of Access Service Provided by Multiple Companies** (Cont'd)

2.9.2 **Multiple Bill Arrangement for Service Other than FGA** (Cont'd)
ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Billing of Access Service Provided by Multiple Companies (Cont'd)

2.9.2 Multiple Bill Arrangement for Service Other than FGA (Cont'd)
ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Billing of Access Service Provided by Multiple Companies (Cont'd)

2.9.2 Multiple Bill Arrangement for Service Other than FGA (Cont'd)
2. General Regulations (Cont'd)

2.9 Billing of Access Service Provided by Multiple Companies (Cont'd)

2.9.2 Multiple Bill Arrangement for Service Other than FGA (Cont'd)
2. General Regulations (Cont'd)

2.9 Billing of Access Service Provided by Multiple Companies (Cont'd)

2.9.2 Multiple Bill Arrangement for Service Other than FGA (Cont'd)
ACCESS SERVICE

2. **General Regulations** (Cont'd)

2.9 **Billing of Access Service Provided by Multiple Companies** (Cont'd)

2.9.2 **Multiple Bill Arrangement for Service Other than FGA** (Cont'd)
2. **General Regulations (Cont'd)**

2.9 **Billing of Access Service Provided by Multiple Companies (Cont'd)**

2.9.2 **Multiple Bill Arrangement for Service Other than FGA (Cont'd)**
ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Billing of Access Service Provided by Multiple Companies (Cont'd)

2.9.2 Multiple Bill Arrangement for Service Other than FGA (Cont'd)

(E) Multiple Bill Example for Special Access Service

Assume that a two-wire Voice Grade Special Access Service is ordered to an end user in the operating territory of Company A. The Customer Premises is located in the operating territory of Company B.

![Diagram of customer premises, serving wires, serving centers, and interconnection points]
ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Billing of Access Service Provided by Multiple Companies (Cont'd)

2.9.2 Multiple Bill Arrangement for Service Other than FGA (Cont'd)

(E) Multiple Bill Example for Special Access Service (Cont'd)

(1) Channel Mileage Charge Computation

Assumed Channel Mileage using NECA No. 4 = 20 miles
Assumed Billing Percentages using NECA No. 4 –
Company A = 17%
Company B = 83%

Assumed Rates:

<table>
<thead>
<tr>
<th>Channel Mileage</th>
<th>Company A</th>
<th>Company B</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Fixed</td>
<td>N/A</td>
<td>$42.58</td>
</tr>
<tr>
<td>- Per Mile</td>
<td>$2.41</td>
<td>$2.55</td>
</tr>
<tr>
<td>- Termination</td>
<td>$14.09</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Company A = [($2.41 x 20) x .17] + $14.09 = $22.28
Billed Channel Mileage Charge

Company B = [$42.58 + ($2.55 x 20)] x .83 = $77.67
Billed Channel Mileage Charge
2. General Regulations (Cont'd)

2.9 Billing of Access Service Provided by Multiple Companies (Cont'd)

2.9.2 Multiple Bill Arrangement for Service Other than FGA (Cont'd)

(E) Multiple Bill Example for Special Access Service (Cont'd)

(2) Channel Termination Monthly Charges

Assumed Charges - Company A = $33.12
Company B = $27.18

Company A = $33.12
Billed Monthly Channel Termination Charge (#1)

Company B = $27.18
Billed Monthly Channel Termination Charge (#2)

(3) Channel Termination Installation Charges

Assumed Charges - Company A = $223.24
Company B = $233.82

Company A = $223.24
Billed Channel Termination Installation Charge (#1)

Company B = $233.82
Billed Channel Termination Installation Charge (#2)

(4) Special Access Surcharge

Assumed Charges - Company A = $25.00
Company B = $25.00

Company A = $25.00 Billed Special Access Surcharge
Company B = No charge applies
2. General Regulations (Cont'd)

2.10 Minimum Period Regulations

2.10.1 General

The minimum period is the length of time for which a customer is required to make payment when Access Services are provided. The minimum period for which Access Service is provided is one month, except as follows:

(A) Reserved

(B) The minimum period for Special Access Service provided at daily rates, e.g., Program Audio and Video Special Access Service, is one day, i.e., a continuous 24 hour period, not limited to a calendar day, even though the Access Order, e.g. one-half hour, two-hours, etc.

(C) The minimum service period for Cooperative Scheduled Testing and Manual Scheduled Testing Services is one year and annually thereafter.

(D) Reserved

(E) The minimum period for a Specialized Service is established with each individual case filing. If not specified, the minimum period is one month.

(F) The minimum service period for DS3 (44.736 Mbps) High Capacity Special Access Service is a 1 year term plan. After the 1, 3 or 5 year term is satisfied, the customer must select a renewal option as referenced in Section 7.16.4.1.

(G) Reserved

(I) Reserved
2. **General Regulations (Cont'd)**

2.10 **Minimum Period Regulations (Cont'd)**

2.10.1 **General (Cont'd)**

(J) The minimum period for 1.544 Mbps High Capacity Special Access Services offered under an Optional Payment Plan (OPP) is three months.

(K) 

(L) The minimum period for Multichannel Video Service\(^{(1)}\) is twelve months.

(M) The minimum period for Internet Network Access Service is one year.

(N) The minimum period for Optical Carrier Network (OCN) Point-to-Point Service is twelve (12) months for a one year Term Pricing Plan (TPP), thirty-six (36) months for a three year TPP, and sixty (60) months for a five year TPP. After the minimum period is satisfied, the monthly extension rate will apply unless a TPP is selected.

(O) The minimum period for Access Advantage Plus (AA+) Transport Service is twelve months for a one year Term Pricing Plan (TPP), twenty-four months for a two year TPP and thirty-six months for a three year TPP.

\(^{(1)}\) Effective August 25, 2011, MVS is no longer available to new customers. There is no change for existing customers.
2. **General Regulations (Cont'd)**

2.10 **Minimum Period Regulations (Cont'd)**

2.10.2 **Minimum Period Charges**

When a service is discontinued prior to the expiration of the minimum period, a minimum period charge will apply. In addition, all nonrecurring charges associated with the provision of the service will be billed, e.g., installation of service and/or optional features, Service Order Modification Charges, Additional Labor Charges, etc.

(A) **Services with a Minimum Period of One Month or Less**

The minimum period charge is computed by applying the monthly or daily rate level in effect at the time service is discontinued for the minimum period, e.g., one day, one month, etc.

(B) **Services with a Minimum Period Greater Than One Month**

(1) With the exception of Directory Assistance Service, the minimum period charge will be the lesser of (a) the Telephone Company's total non recoverable costs less the net salvage value for the discontinued service or (b) the total monthly charges at the rate level in effect at the time service is discontinued, for the remainder of the minimum period. The minimum charge for Directory Access Service is equal to the total non recoverable costs.

(2) The minimum period charge for 44.736 Mbps High Capacity Service is 100% of the monthly rate applicable to the initial 12 month period of the payment plan. In addition, a Termination Liability charge associated with the one, three or five year Optional Payment Plan (OPP) may apply as set forth in 2.11.1.1 following.

(3)

(4) The minimum period charge for 1.544 Mbps High Capacity Special Access Services offered under an Optional Payment Plan (OPP) is 100% of the monthly rate applicable to the initial 3 month period of the plan. In addition, a Termination Liability Charge associated with the OPP may apply as set forth in 2.11.1.1 following.
2. **General Regulations (Cont'd)**

2.10 **Minimum Period Regulations (Cont'd)**

2.10.2 **Minimum Period Charges (Cont'd)**

(B) **Services with a Minimum Period Greater Than One Month (Cont'd)**

(5)

(6) The minimum period charge for Multichannel Video Service(1) is 100% of the monthly rate applicable to the initial twelve month period of service.

(7) The minimum period charge for Optical Carrier Network (OCN) Point-to-Point Service is 100% of the monthly rate applicable to the initial 36 month period of service.

(8) A minimum period charge does not apply to Access Advantage Plus (AA+) Transport Service.
2. **General Regulations (Cont'd)**

2.10 **Minimum Period Regulations (Cont'd)**

2.10.3 **Effect of Rearrangements and Changes on the Minimum Period**

(A) **Rearrangements Which Change the Minimum Period**

The following service rearrangements and changes will be treated as the discontinuance of an existing service and the installation of a new service. A new minimum period will be established for the new service and all associated nonrecurring charges will apply for the new service. The customer will also remain responsible for all outstanding minimum period obligations associated with the disconnected service.

1. A change of customer of record, i.e., Access Service is provided and billed to a different entity with no assumption of outstanding charges and/or liabilities.

2. A move to a different building.

3. A change of service type, i.e., Switched Access to Special Access, one type of Special Access to another, or one type of Switched Access to another, except as set forth in Section 6.

4. A change in the type of Special Access Service Channel Termination.

5. A change in Switched Access Service or Directory Assistance Service Interface Group.

6. Change from two-point to multipoint or from multipoint to two-point Special Access Service.

7. A change in STP Access Mileage connection.

8. A change in STP Port Termination.


10. A change in Entrance Facility or Direct-Trunked Transport capacity.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.10 Minimum Period Regulations (Cont'd)

2.10.3 Effect of Rearrangements and Changes on the Minimum Period (Cont'd)

   (B) Changes Which Do Not Change the Minimum Period

   The following administrative changes will be made without charge to the customer if they result in the continued provision and billing of the Access Service:

   (1) Change of customer name,

   (2) Change of customer or customer’s end user premises address when the change is not a result of a physical relocation of equipment,

   (3) Change in billing data, i.e., name, address, contact name or telephone number,

   (4) Change of customer circuit identification,

   (5) Change of customer test line number,

   (6) Change of customer or customer’s end user contact name or telephone number,

   (7) Change of jurisdiction, or

   (8) Change resulting from assignment or transfer of service with the assumption of outstanding charges and/or liabilities, as set forth in Section 2.5.5.

   A move of a point of termination at the customer premises or a move of a customer premises to a new location within the same building without an interruption of service or billing, other than that required to make the move, will not result in a change in the minimum period requirements.
2. **General Regulations** (Cont'd)

2.11 **Types of Rates and Charges**

This section contains information pertaining to the different types of rates and charges in this Guide.

2.11.1 **Monthly Rates (MR)**

Flat recurring rates that apply each month, or fraction thereof, that a service or specific rate element is provided. For billing purposes, each month is considered to have 30 days.

2.11.1.1 **Optional Payment Plans (OPPs)**

(A) **Description**

An Optional Payment Plan (OPP) is a provision that allows a customer to select specific Special Services over a selected commitment period or term. Special Access DS3 (High Capacity 44.736 Mbps) Service is available with OPPs of 1, 3 and 5 year terms. Multichannel Video Service\(^{(1)}\) is available with an OPP of a 3 year term. All other services are available with OPPs of 1, 3 and 5 year terms. During the effective term, rate decreases will automatically be applied to the monthly payments for the remaining months of the OPP. Monthly rates for services installed under this arrangement are subject to the terms and conditions contained in the preceding Legal Notice for Telephone Company-initiated rate increases (i.e., rates for plans subscribed to prior to November 1, 2018 will not be subject to company-initiated rate increases until those pre-existing terms expire after November 1, 2018 and the services will be subject to company initiated rate increases). Rate changes due to zone restructures will flow through to the affected rate elements.

The following services are offered under an OPP:

(1) DS3 (High Capacity 44.736 Mbps) Service rates and charges which apply to services billed under an OPP are set forth in 6.3.1 and 7.16.4 following.

\(^{(1)}\) Effective August 25, 2011, MVS is no longer available to new customers. There is no change for existing customers.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.1.1 Optional Payment Plans (OPPs) (Cont'd)

(A) Description (Cont'd)

(2) DS1 (High Capacity 1.544 Mbps) Services offered under an OPP will have monthly rates reduced for the Entrance Facility, Channel Termination, Direct Trunked Transport, Mileage and DS1-VG Multiplexer rate elements as set forth in 24.5.2.6 following.

(3) Fractional DS1 service rates and charges which apply to services billed under an OPP are set forth in 7.16.4 following.

(4) Digital Data Service (DDS) 56 Kbps and 64 Kbps rates and charges which apply to a service billed under an OPP are set forth in 7.15.4.

(5) Multichannel Video Service\(^{(1)}\) rates and charges which apply to a service billed under an OPP are set forth in 2.12.4.

(6) Internet Network Access Service (INAS) rates and charges which apply to service billed under an OPP are set forth in 22.6.

---

\(^{(1)}\) Effective August 25, 2011, MVS is no longer available to new customers. There is no change for existing customers.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.1.1 Optional Payment Plans (OPPs) (Cont'd)

(A) Description (Cont'd)

(7) DS1 (High Capacity 1.544 Mbps) Collocation Transport Services offered under an OPP will have monthly rates reduced for the Inter/Intra Office (Fixed and Per Mile) as set forth in 24.5.2.6.

Customers subscribing to an OPP will be subject to nonrecurring charges as set forth in 6.3.1, 7.15.4, 7.16.4, and 22.6 for installation and in 2.11.5(C) & (D) for rearrangements of services covered by the plan. Nonrecurring charges will not be spread over an OPP term. If the customer subscribes to an OPP on an existing service and requests no other changes to the service, no nonrecurring charge will apply.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.1.1 Optional Payment Plans (OPPs) (Cont'd)

(B) Termination Liability

A termination liability applies during the selected commitment period. If service is disconnected in full or in part prior to the end of the selected commitment period, the customer is liable for a termination liability charge. Further, except as provided in (C), (D) and (E) following, when a customer cancels an OPP prior to the end of the selected commitment period, the customer is liable for a termination liability charge.

The termination liability charge applies to each service disconnected or, in the case of cancellation of an OPP, to each service which had been included in the canceled OPP.

It is the customer's responsibility to give the Telephone Company notice of the intent to terminate an OPP. Recurring charges will apply for a period of one month from the date the Telephone Company receives the termination notice or until the requested termination date, whichever period is longer. These charges will apply during this period whether or not the customer continues to use the service.

The termination liability charge is calculated as set forth in (1) or (2) following. The Telephone Company will apply the option which produces the lowest termination liability charge to the customer.
2. **General Regulations** (Cont'd)

2.11 **Types of Rates and Charges** (Cont'd)

2.11.1.1 **Optional Payment Plans (OPPs)** (Cont'd)

(B) **Termination Liability** (Cont'd)

(1) **Option 1**

Customers requesting termination of service are liable for the minimum period service charge and the following termination liability percentages. The termination liability charges are applied as follows:

DS3 termination liability percentages are applied to the applicable Entrance Facility, Channel Termination, Direct Trunk Transport, Mileage and DS3-DS1 multiplexer monthly rates for the remaining months of the OPP as follows:

<table>
<thead>
<tr>
<th>OPP</th>
<th>Percentages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Year Plan</td>
<td>75</td>
</tr>
<tr>
<td>3 Year Plan</td>
<td>75</td>
</tr>
<tr>
<td>5 Year Plan</td>
<td>60</td>
</tr>
</tbody>
</table>

DS1, Fractional DS1, 56 Kbps, 64 Kbps, Multichannel Video Service\(^\text{(1)}\) and INAS DS1 and DS3 Capacity service termination liability will be assessed at 50% of the applicable Entrance Facility, Channel Termination, Direct Trunked Transport, Mileage, DS1-VG multiplexer, INAS Access Link and any applicable optional feature monthly rate elements for the remaining months of the Optional Payment Plan (OPP) as follows:

(a) For disconnects on or prior to the end of the minimum period, the termination liability charge applies to each month and fraction thereof remaining between the end of the minimum period and the end of the selected commitment period.

(b) For disconnects after the end of the minimum period but prior to the end of the selected commitment period and for OPP cancellations prior to the end of the selected commitment period, the termination liability charge applies to each month and fraction thereof in the balance of the selected commitment period.

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\(^\text{(1)}\) Effective August 25, 2011, MVS is no longer available to new customers. There is no change for existing customers.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.1 Optional Payment Plans (OPPs) (Cont'd)

(B) Termination Liability (Cont'd)

(2) Option 2

For DS3 services discontinued prior to the end of the minimum period customers are liable for the minimum period service charge and the termination liability charge will be the difference between the full monthly rates and the OPP monthly rates for the period the plan has been in effect.

For DS1, Fractional DS1, 56 Kbps, 64 Kbps, Multichannel Video Service\(^{(1)}\) and INAS DS1 and DS3 Capacity service discontinued prior to the end of the minimum period, customers are liable for the minimum period service charge and the termination liability charge will be the difference between the full monthly rates and the OPP monthly rates for the period the plan has been in effect.

For services discontinued after the end of the minimum period of a plan but prior to the end of the selected commitment period, the following applies:

Where there is no OPP period less than the actual time the service(s) have been in effect, the termination liability charge will be the difference between the full monthly rates and the selected OPP monthly rates for the period the plan has been in effect.

Where there is an OPP period less than the actual time the service(s) have been in effect, the termination liability charge will be the difference between the monthly rates for the longest OPP period that could have been satisfied prior to discontinuation of the service and the monthly rates for the selected commitment period multiplied by the actual number of months the plan has been in effect.

\(^{(1)}\) Effective August 25, 2011, MVS is no longer available to new customers. There is no change for existing customers.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.1.1 Optional Payment Plans (OPPs) (Cont'd)

(B) Termination Liability (Cont'd)

(2) Option 2 (Cont'd)

For example:
If a customer subscribes to a 5 year OPP and terminates service during the 48th month, the longest OPP period that could have been satisfied is three years. The customer’s termination liability would be calculated as follows:

\[(3 \text{ year OPP monthly rate} - 5 \text{ year OPP monthly rate}) \times 48\]

The monthly rates used to calculate termination liability charges are not subject to the reductions set forth in 6.1.3 and 7.3.4 following.

When a customer disconnects some, but not all, of its 44.736 Mbps Services, the monthly rates used to calculate termination liability charges are applied in ascending order beginning with the lowest applicable rates.

The termination liability charge applies in addition to applicable minimum period charges.

(C)
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.1.1 Optional Payment Plans (OPPs) (Cont'd)

(D) DS1 OPP Portability Commitment#

DS1 OPP Portability Commitment provides a customer the ability to establish a regional volume commitment in the form of DS1 Channel Terminations and receive a waiver on DS1 OPP Termination Liability, as described in 2.11.1.1 (B), during the life of the Portability Commitment. The Portability Commitment will consist of a Commitment Level (CL), as described below, and has terms of 3-years or 5-years. The Portability Commitment cannot be renewed.

Customers may purchase Special Access DS1 service under DS1 OPP terms of 3 or 5 years and have the associated Channel Terminations count towards the CL. All installation nonrecurring charges will be billed as applicable as described in Section 2.11.1.1(A).

Following are the terms and conditions associated with the DS1 OPP Portability Commitment:

(1) Customer commits to a 3-year or 5-year Commitment Level (CL) that is reviewed by the Telephone Company on a monthly basis. The initial monthly CL is selected by the customer, subject to a minimum level of 50 DS1 Channel Terminations. The effective date of the Portability Commitment will be the first day of the month immediately following the month in which the customer provides written notification of their participation into the program. By the effective date, the customer must issue ASRs to add DS1 channel terminations to the DS1 OPP Portability Commitment and/or convert existing DS1 channel terminations (billed Month to Month and/or under other term pricing plans) to the DS1 OPP Portability Commitment such that the number of in-plan DS1 Channel Terminations is at least 80% of the CL; and

(2) Customer must have a minimum of 40 DS1 Channel Terminations in the Portability Commitment each month and at least 80% of the CL in-plan each month; and

# Effective November 21, 2017, new subscriptions to DS1 OPP Portability Commitment are no longer permitted. DS1 OPP Portability Commitment customers subscribed as of November 21, 2017 may continue with their existing subscriptions. If at any time an existing customer terminates its DS1 OPP Portability Commitment, the customer may not re-subscribe to the plan.
2.11 Types of Rates and Charges (Cont'd)

2.11.1.1 Optional Payment Plans (OPPs) (Cont'd)

(D) DS1 OPP Portability Commitment# (Cont'd)

(3) Each month, the total number of 3 and 5 Year DS1 OPP Channel Terminations for the previous month will be calculated and measured against the corresponding monthly CL;

(a) If the total number of Channel Terminations, as calculated above, is between 80% and 124% of the CL, no other charges will apply for the previous month.

(b) If the total number of Channel Terminations, as calculated above, is less than 80% of the CL, the customer will be billed an adjustment factor equal to the lowest prevailing monthly Channel Termination charge, shown in Section 7.16.4 or Section 24.5.2.6 for a 3 or 5 year OPP plan, as applicable, multiplied by the difference between the actual number of Channel Terminations in-service and 80% of the CL.

Example #1: Customer A has a CL = 1,000 Channel Terminations for the month of June, and has a 3 year plan. Customer A must have at least 800 DS1 Channel Terminations in the Portability Commitment to meet the 80% target. In July, the monthly review calculated 795 DS1 Channel Terminations in the Portability Commitment for the month of June. The difference between 80% of the CL (800) and the actual in-plan total (795) is 5 Channel Terminations. Therefore, the customer will be billed an amount equal to 5 Channel Terminations multiplied by the lowest prevailing monthly Channel Termination rate for a 3 year OPP. For subsequent months, customer A will continue to be billed an amount equal to the difference between 80% of the CL and the actual in-plan number of Channel Terminations that are below 80% of the CL (multiplied) by the lowest prevailing monthly 3 year OPP Channel Termination rate, until 80% of the CL is met.

# Service Availability is limited. Refer to # footnote on page 2-54.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.1.1 Optional Payment Plans (OPPs) (Cont'd)

(D) DS1 OPP Portability Commitment# (Cont'd)

(3) (Cont'd)

(c) If the total number of in-plan DS1 Channel Terminations, as calculated above, is greater than 124% of the CL, the customer will be billed an adjustment factor equal to the lowest prevailing monthly Channel Termination rate, shown in Section 7.16.4 or Section 24.5.2.6 for a 3 or 5 year plan, as applicable, multiplied by the difference between the actual number of Channel Terminations in-plan and 124% of the CL.

EXAMPLE #2: Customer B has a CL of 500 Channel Terminations and has a 5 year plan. In month 5 of the commitment, Customer B has 650 Channel Terminations in the Portability Commitment. Customer B has exceeded the CL by more than the 124% threshold (620). Customer B will be charged an adjustment factor equal to 30 Channel Terminations (650 - 620) multiplied by the lowest prevailing monthly Channel Termination rate for a 5 year OPP. For subsequent months, Customer B will continue to be charged the Lowest prevailing monthly Channel Termination rate multiplied by the difference between the actual number of Channel Terminations in-service and 124% of the CL until Customer B no longer exceeds the CL by the 124% threshold.

(4) Customers may increase the CL at any time by providing written notification to Telephone Company. Credits for previously charged adjustments billed for exceeding the CL will not be provided when a customer increases the CL. However, an adjustment factor will not be billed if notice to increase the CL is provided to the Telephone Company within the calendar month following a reported adjustment, and the CL increase is sufficient that the number of in-service rate elements does not exceed 124% of the new CL. For instance, in Example #2 above, if the Customer increases the CL from 500 to 525 before the end of month 6, the adjustment factor applicable to month 5 will not be billed because the actual in-service volume (650) is less than or equal to the new 124% threshold (651).

# Service Availability is limited. Refer to # footnote on page 2-54.
2. **General Regulations** (Cont'd)

2.11 **Types of Rates and Charges** (Cont'd)

2.11.1.1 **Optional Payment Plans (OPPs)** (Cont'd)

(D) **DS1 OPP Portability Commitment**# (Cont'd)

(5) If the customer elects to terminate the DS1 OPP Portability Commitment or elects to decrease the CL prior to the 3-year or 5-year commitment, Termination Liabilities will apply. Termination Liability is calculated as the decreased number of Channel Terminations multiplied by the lowest prevailing monthly DS1 recurring Channel Termination rate for the applicable plan (3 year or 5 year), multiplied by the number of months remaining in the term of the Portability Commitment.

**EXAMPLE #3:** Customer C has a CL equal to 1,000 Channel Terminations. In Month 10 of the 36-month Portability Commitment, Customer C elects to Decrease the CL by 50 Channel Terminations. The Terminations Liability Associated with the decrease is equal to:

\[
(50 \text{ Channel Terminations}) \times (26 \text{ months remaining}) \times (\text{lowest prevailing 3 year OPP monthly recurring DS1 Channel Termination Rate})
\]

(E) **Additions of Service**

When a customer with an existing OPP wishes to increase the number of services of the same type between the same two locations, it has the following options:

1. Subscribe to the additional services under standard rates.
2. Subscribe to the additional services under a separate OPP at the then effective OPP rate.
3. Cancel the existing OPP and include both the existing and the additional services under a new OPP for a commitment period equal to or longer than the original period. No termination charges apply to such cancellation.

# Service Availability is limited. Refer to # footnote on page 2-54.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.1 Optional Payment Plans (OPPs) (Cont'd)

(F) Extension of Commitment Period

A customer may, at any time prior to the expiration of the selected commitment period for an existing OPP or month to month plan, change to an OPP with a longer commitment period at the then effective OPP rates. No termination liability charges will apply for any services extended under the longer commitment period. The monthly rates applicable for the longer commitment period will apply effective with the customer's next bill day following the request for the change.

(G) Rate Regulations

Where an OPP is requested coincident with the connection of new service, it will be effective with the establishment of service.

Where an OPP is requested on existing service, the effective date will be the date negotiated with the customer.

At the end of its selected commitment period, the customer will have the option of subscribing to any then effective OPP or of retaining the service under the standard rates in effect at that time.

If the customer does not choose one of the preceding options prior to the expiration date of the commitment period, monthly extension rates will be applied upon expiration of the commitment period.
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2. **General Regulations (Cont'd)**

2.11 **Types of Rates and Charges (Cont'd)**

2.11.1.1 **Optional Payment Plans (OPPs) (Cont'd)**

(H) **Conversion of Existing Shared Use Facilities**

In some instances customers choose to mix switched and special access channels on the same DS1 or DS3 facility. When ordering a new switched access facility covered by an OPP or when converting an existing month-to-month switched facility to an OPP, any special access channels that are shared on that switched facility must be covered by a Special Access OPP of the same term length.

Similarly, when ordering a new special access facility covered by an OPP or when converting an existing month-to-month special facility to an OPP, any switched access channels that are shared on that special facility must be covered by a Switched Access OPP of the same term length.

For those shared use facilities already under a special access term plan, customers will have to select one of the following options: 1) convert switched facilities to the same term and expiration date as the special access facilities they are sharing; or 2) terminate the current special access term plan and establish a new term plan of equal or greater length for both the special and switched access services. No termination liabilities will be assessed for termination of the special access plan. If the customer does not select one of the above options, then the month-to-month switched access rates will be maintained.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.2 Daily Rates (DR)

Flat recurring rates that apply to each continuous 24 hour period, or fraction thereof, that a Program Audio or Video Special Access Service is provided for part-time or occasional use. For purposes of applying daily rates, the 24 hour period is not limited to a calendar day.

The application of daily rates during a consecutive 30 day period is as follows. Daily rates will be topped at an amount equal to the monthly rate, i.e., the charge to the customer for usage filed at daily rates will not exceed the monthly rate. For each day or partial day of usage after the daily rates have been topped, a charge equal to 1/30th of the monthly rate will apply.

2.11.3 Usage Sensitive Rates
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.4 Distance Sensitive Rates

The application of distance sensitive rates, i.e., Special Access Channel Mileage and Optical Carrier Network (OCN) Point-to-Point Service,(D) requires the determination of the airline distance between a serving wire center (SWC) and an end office or two or more serving wire center (SWC) locations as follows:

(A) Determine the SWC locations:

(1) Reserved

(2) Special Access Service including Switched Access Direct-Trunked Transport and Dedicated Signaling Transport

The SWC locations may be:

(a) two SWCs associated with customer premises,
(b) a SWC and a Telephone Company Hub location,
(c) a SWC and a WATS Serving Office,
(d) two Telephone Company Hub locations, or
(e) a SWC and a Telephone Company Access Tandem or End Office.

When Hubs are involved, mileage is computed and rates are applied separately for each section of the Channel Mileage or Direct-Trunked Transport. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing, e.g., the Telephone Company routes via a Hub location for test access purposes, rates will be applied only to the distance calculated between the SWCs associated with the customer premises, end office of Telephone Company Access Tandem.
2. **General Regulations** (Cont'd)

2.11 **Types of Rates and Charges** (Cont'd)

2.11.4 **Distance Sensitive Rates** (Cont'd)

(B) Compute the mileage between the SWC locations:

1. Look up the V&H coordinates of the SWCs in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4, Wire Center Information and Interconnection.
2. Determine the difference between the F&H coordinates, respectively, by subtracting the smaller coordinate from the larger coordinate.
3. Square the V&H differences separately.
4. Add the squares of the two differences and divide the sum by 10.
5. Take the square root of the result obtained in (4).
6. Round any fractional value up to the next integer.

Example

<table>
<thead>
<tr>
<th>V</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWC A</td>
<td>5016</td>
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<tr>
<td>SWC B</td>
<td>5038</td>
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<td>Differences</td>
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<tr>
<td>Rounded to</td>
<td>11</td>
</tr>
</tbody>
</table>

(C) Application of mileage:

1. 
2. 
3. For Special Access Service, determine the applicable rate mileage band into which the computed mileage falls and multiply the Applicable rates time the mileage.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.5 Nonrecurring Charges (NRC)

One-time charges that apply for a specific work activity, e.g., installation, rearrangements, moves, etc.:

(A) Installation of Service

Nonrecurring charges apply to each service installed.

For Switched Access Service which is ordered on a per line or per trunk basis, the charge is applied per line or trunk.

(B) Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of certain Special Access Service Optional Features and Functions. Such charges apply whether the feature is installed coincident with the initial installation of service or at any time subsequent to the installation of the service, i.e., a service rearrangement.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.5 Nonrecurring Charges (NRC) (Cont'd)
ACCESS SERVICE

2. **General Regulations (Cont'd)**

2.11 **Types of Rates and Charges (Cont'd)**

2.11.5 **Nonrecurring Charges (NRC) (Cont'd)**

(D) **Special Access Service Rearrangements**

1. If a change involves the addition of an optional feature or function, including Multiplexer Cross Connect, which has a separate nonrecurring charge, the nonrecurring charge applies.

2. If the change involves the addition of another leg to an existing multipoint Special Access Service, the nonrecurring charge for the channel termination rate element will apply for the leg that is being added only.

3. If the change involves changing the type of signaling on a Voice Grade Special Access Service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply per service termination affected.

4. If the change involves the reconfiguration of an existing High Capacity facility into part of a higher bit rate multiplexed Special Access or Direct-Trunked Transport High Capacity facility, a unique charge referred to as a rollover charge will apply to the existing High Capacity facility.

The rollover charge applies to services requiring no additional change(s) at the time of the rollover. If the customer requests any change be made to the service at the time of rollover, the appropriate rearrangement charge(s) shall apply.

Rollover charges are set forth in 7.16.4(A) following.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.5 Nonrecurring Charges (NRC) (Cont'd)

(D) Special Access Service Rearrangements (Cont'd)

(5) If the change involves the retermination of an existing Special Access DS1 or DS3 service from the existing point of termination to a DS1 or DS3 cross-connect provided to the collocated space of an interconnect customer subscribing to Expanded Interconnection, then a unique retermination charge shall be assessed per DS1 or DS3. This retermination charge will only apply if the existing DS1 or DS3 service is routed through the same central office as the interconnect customer's collocated space. If the existing DS1 or DS3 service is not routed through the same central office as the interconnect customer's collocated space, then a normal rearrangement charge shall apply as specified herein.

The DS1 and DS3 retermination charges are set forth in 7.16.4 A.

(6) For all other changes, including the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge per service will apply per change.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.5 Nonrecurring Charges (NRC) (Cont'd)

(E) Moves

A move involves a change in the physical location of (a) the point of termination at the customer premises or (b) the customer premises. The charges for the move depend on whether the move is to a new location within the same building or to a different building.

(1) Moves Within the Same Building - The charge will be an amount equal to one half of the nonrecurring charge, i.e., installation charge, for the services affected. There will be no change in minimum period requirements.

(2) Moves to a Different Building - Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service and the customer will remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

(3) Moving a Service Subject to a Maximum Termination Liability (MTL)

When a service with a maximum termination liability charge is moved to a new location, the customer may elect:

(a) to pay the unexpired portion of the MTL charge for the service, if any, with the application of a nonrecurring charge and the establishment of a new MTL charge for such service at the new location, or

(b) to continue service subject to the unexpired portion of the MTL charge, if any, and pay the estimated costs of moving such service, provided that the customer requests these charges be quoted prior to ordering the service move. Move charges include the estimated costs of removal, restoration of services or facilities necessitated by the move, transportation, storage, reinstallation, engineering, labor, supervision, materials administration, and any other specific items of cost attributed to the move.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.5 Nonrecurring Charges (NRC) (Cont'd)

(F) Reestablishment of Service Following Fire, Flood or Other Occurrence

(1) Nonrecurring Charges Do Not Apply - Charges do not apply for the reestablishment of service following a fire, flood or other occurrence attributed to an Act of God provided that:

(a) The service is of the same type as was provided prior to the fire, flood or other occurrence.

(b) The service is for the same customer.

(c) The service is at the same location on the same premises.

(d) The reestablishment of service begins within 60 days after Telephone Company service is available. The 60 day period may be extended a reasonable period if the renovation of the original location on the premises affected is not practical within the allowed time period.

(2) Nonrecurring Charges Apply - Nonrecurring Charges apply for establishing service at a different location on the same premises or at a different premises pending reestablishment of service at the original location.

2.11.6 Service Installation Guarantee

(A) General

The Telephone Company assures that when a customer orders certain Access Services, as specified in B. following, service will be installed and available for customer use no later than the Confirmed Service Date (due date).

For each eligible service, failure of the Telephone Company to meet a Confirmed Service Date provided by the Telephone Company will result in a credit as shown in 2.11.6(B) for that service when the responsibility for the failure is the Telephone Company's.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.6 Service Installation Guarantee (Cont'd)

(B) Services Subject to the Service Installation Guarantee

The services listed in the Missed Installation Credit Schedule found below will be credited for a missed installation on a Confirmed Service Date as shown:

Missed Installation Credit Schedule

<table>
<thead>
<tr>
<th>Services</th>
<th>Credit Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Access DS3 High Capacity Service</td>
<td>$600.00</td>
</tr>
<tr>
<td>Special Access DS1 High Capacity Service</td>
<td>$350.00</td>
</tr>
<tr>
<td>Special Access Fractional DS1 High Capacity Service</td>
<td>$350.00</td>
</tr>
<tr>
<td>Special Access DDS</td>
<td>$250.00</td>
</tr>
<tr>
<td>Access Advantage Plus (AA+) Transport Service</td>
<td>$250.00</td>
</tr>
</tbody>
</table>

When a Credit Allowance Does Not Apply

(1) When failure to meet the confirmed service date occurs because of conditions listed in Sections 2.3 and 2.5.
(2) The customer requests an expedited order.
(3) The customer provides an incorrect address.
(4) The customer and/or premises is inaccessible.
(5) The customer changes interface requirements subsequent to placing the order.
(6) The customer is not ready to accept service on the confirmed service date.
(7) Building facilities, including space, cable support structures, building risers and entrance facilities to be provided by builder or owner or owner's subcontracted vendors, are not ready on the confirmed service date.
(8) The customer orders termination beyond the network interface.
(9) Services are provided under the Telephone Company's Special Construction tariff.
(10) Specialized Service or Arrangements as set forth in Sections 10 and 11, or Individual Case Basis tariff filings as set forth in Section 12.
2. **General Regulations (Cont'd)**

2.11 **Types of Rates and Charges (Cont'd)**

2.11.6 **Service Installation Guarantee (Cont'd)**

(B) **Services Subject to the Service Installation Guarantee**

**When a Credit Allowance Does Not Apply (Cont'd)**

11) When the Telephone Company is not the designated Access Service Coordination Exchange Carrier (ASC-EC) and the confirmed due date is not met by the Local Exchange Company (LEC) acting as the ASC-EC for its portion of the service. (See diagram below)

<table>
<thead>
<tr>
<th>SNET ASC-EC</th>
<th>Another LEC ASC-EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit</td>
<td>Credit</td>
</tr>
<tr>
<td>Credit</td>
<td>Credit</td>
</tr>
</tbody>
</table>

12) Service Rearrangements and Moves within the same building as described in Section 2.11.5(C), (D) and (E).

13) When the delay is caused by work stoppages, civil disturbances, criminal actions; or by fire, flooding or other occurrences attributed to an Act of God and other circumstances beyond the Telephone Company's reasonable control.

14) To the derived services of a multiplexed 1.544Mbps Service or the derived switched services of a shared use High Capacity Service.

15) When Special Access service is provided with NRS.

16) When the nonrecurring installation charges associated with the service are waived or zero rated.

17) For installations of Optional Features and Functions or installations of services that do not have a corresponding Nonrecurring rate element.

In addition, Service Installation Guarantees will not apply during a declared National Emergency. Priority installation of National Security Emergency Preparedness (NSEP) telecommunications services shall take precedence.
2. General Regulations (Cont'd)

2.11 Types of Rates and Charges (Cont'd)

2.11.7 Network Upgrades to higher speed Access Services

(A) When an existing DS1 or DS3 high capacity service OPP customer converts to a higher speed Access Service, termination liability will not apply on the OPPs if the total service capacity subscribed to on SNET's network remains the same (or increases) between the same two locations.
2. **General Regulations (Cont'd)**

2.12 **Credit Allowance for Service Interruptions**

2.12.1 **General**

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this Guide or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer. An interruption period starts when an unusable service is reported to the Telephone Company and ends when the service is usable.

The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the sum of (a) the monthly rates; or (b) the assumed minutes of use charge; or (c) the minimum monthly usage charge, whichever is (are) applicable for the service interrupted in any one monthly billing period.

2.12.2 **When a Credit Allowance Applies**

In case of an interruption to any service not due to the negligence of the customer, allowance for the period of interruption shall be as follows:
ACCESS SERVICE

2. **General Regulations** (Cont'd)

   2.12 **Credit Allowance for Service Interruptions** (Cont'd)

      2.12.2 **When a Credit Allowance Applies** (Cont'd)
ACCESS SERVICE

2. General Regulations (Cont'd)

2.12 Credit Allowance for Service Interruptions (Cont'd)

2.12.2 When a Credit Allowance Applies (Cont'd)
2. **General Regulations** (Cont'd)

2.12 **Credit Allowance for Service Interruptions** (Cont'd)

2.12.2 **When a Credit Allowance Applies** (Cont'd)

(B) **Special Access Services and Access Advantage Plus (AA+), Transport Service**

No credit shall be allowed for an interruption of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes, or major fraction thereof, that the interruption continues, and as specified in Section 2.12.2(F).

The monthly charges used to determine the credit shall be as follows:

1. **Two-point services** - the monthly charge shall be the total of all the monthly rate element charges associated with the service.

2. **Multipoint services** - the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative between the Hub and a customer premises.

3. **Multiplexed services** - the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative. When the facility which is multiplexed or the multiplexer itself is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with the service.

When a service which rides a channel of the multiplexed facility is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service from the Hub to a customer premises.

4. **Special Access Services Subject to an Error Performance Standard** (Wideband Data, WD1-3; Digital Data, DA1-4; and High Capacity, HC1) - any period during which the error performance is below that specified for the service will be considered as an interruption.

5. For multiplexed service ordered under the Shared Network Arrangement, the Host Subscriber, as well as each Service User, must notify the Telephone Company of any service outage in order to receive their portion of the credit allowance.
2. **General Regulations** (Cont'd)

2.12 **Credit Allowance for Service Interruptions** (Cont'd)

2.12.2 **When a Credit Allowance Applies** (Cont'd)

(C)* **Program Audio and Video Special Access Services**

No credit shall be allowed for an interruption of less than 30 seconds. The customer shall be credited for an interruption of 30 seconds or more as follows:

1. **Two-point services**
   
   (a) when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or fraction thereof that the interruption continues.
   
   (b) when daily rates are applicable, the credit shall be at the rate of 1/288 of the daily charges for the service for each period of 5 minutes or fraction thereof that the interruption continues.

2. **Multipoint services**

   (a) when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or fraction thereof that the interruption continues.

   (b) when daily rates are applicable, the credit shall be at the rate of 1/288 of the daily charges for the service for each period of 5 minutes or fraction thereof that the interruption continues.

   (c) the credit for the monthly or daily charges includes the charges for the distribution amplifier only when the distribution amplifier is inoperative.

3. **Multiple Interruptions** - Two or more interruptions which occur during a period of 5 consecutive minutes shall be considered as one interruption.

* This regulation is limited to existing customers at existing locations as of April 1, 2004.
2. General Regulations (Cont'd)

2.12 Credit Allowance for Service Interruptions (Cont'd)

2.12.2 When a Credit Allowance Applies (Cont'd)

(E) Specialized Services

Specialized Services provided under the provisions of Section 10, or 12 shall be administered in the same manner as those set forth for Special Access Service unless other regulations are specified with the individual case filing.

* equals a negative amount.
2. **General Regulations (Cont’d)**

2.12 **Credit Allowance for Service Interruptions (Cont’d)**

2.12.2 **When a Credit Allowance Applies (Cont’d)**

(F)* **Service Maintenance Guarantee (SMG)**

The customer shall be credited the Service Maintenance Guarantee (SMG) credit, specified below, for service interruptions of 2 hours or more in duration. The SMG credit will be applied on the following services:

- Special Access DDS (Section 7.15)
- Special Access Fractional DS1 High Capacity Service (Section 7.16)
- Special Access DS1 High Capacity Service (Section 7.16)
- Special Access DS3 High Capacity Service (Section 7.16)

This credit allowance is in addition to the credit allowance in Section 2.12.2(A)(2) and (B). The SMG credit allowance can only be applied once in any one monthly billing period, on a per circuit basis. The SMG credit allowance is applied to the customer bill in addition to the existing monthly service rates, and in addition to any existing credit allowances. The total credit allowance available to the customer, regardless of the number of service interruptions in any one monthly billing period, will not exceed 100% of the combined monthly rates per affected service.

<table>
<thead>
<tr>
<th>Interruption Period</th>
<th>Applicable Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than 30 minutes, but less than 2 hours</td>
<td>1/1440th per 30 minute interval as stated in Section 2.12.2A(2) and 2.12.2B</td>
</tr>
<tr>
<td>2 hours but less than 4 hours</td>
<td>DS3 $1075</td>
</tr>
<tr>
<td></td>
<td>DS1 $120</td>
</tr>
<tr>
<td></td>
<td>Fractional DS1 $60</td>
</tr>
<tr>
<td></td>
<td>DDS $45</td>
</tr>
<tr>
<td>Over 4 hours</td>
<td>DS3 $2150</td>
</tr>
<tr>
<td></td>
<td>DS1 $240</td>
</tr>
<tr>
<td></td>
<td>Fractional DS1 $120</td>
</tr>
<tr>
<td></td>
<td>DDS $90</td>
</tr>
</tbody>
</table>

* This regulation is limited to existing customers at existing locations as of April 1, 2004.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.12 Credit Allowance for Service Interruptions (Cont'd)

2.12.2 When a Credit Allowance Applies (Cont'd)

(G) Service Maintenance Guarantee (SMG)

For service interruptions 4 hours or greater, the customer shall be credited as follows:

(i) For the initial 4 hour outage in a 30 day period, in lieu of the credit described in 2.12.2(A)(2) and 2.12.2(B), the customer will be credited as shown in the schedule below.

(ii) Additional service interruptions that are 4 hours or greater that occur in the same 30 day period will be calculated at the rate of 1/1440 per 30 minute interval.

The total credit allowance available to the customer regardless of the number or type of service interruptions within a 30 day period will not exceed 100% of the combined monthly rates per affected service.

<table>
<thead>
<tr>
<th>Interruption Period</th>
<th>Applicable Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than 30 minutes but less than 4 hours</td>
<td>1/1440th per 30 minute interval as stated in Section 2.12.2A(2) and 2.12.2B</td>
</tr>
<tr>
<td>4 Hours or more</td>
<td>Metallic $5.00, Telegraph $5.00, Program Audio $10.00, Video $10.00, Voice Grade $10.00, DDS $15.00, Fractional DS1 $120.00, DS1 $120.00, Access Advantage Plus (AA+) $120.00, DS3 $380.00</td>
</tr>
</tbody>
</table>
ACCESS SERVICE

2. General Regulations (Cont'd)

2.12 Credit Allowance for Service Interruptions (Cont'd)

2.12.2 When a Credit Allowance Applies (Cont'd)

(H) Packet Switched Data Network Service (PSDN)
The credit Allowance for Packet Switched Data Network Service (PSDN) is described in 19.1.2.

(I) Reserved for Future Use

(J) Video Service Maintenance Guarantee*

The Video Service Maintenance Guarantee provides a service credit of 100% of the monthly or daily rate, as applicable, for a service interruption of greater than one hour in duration.

The following Video Services are offered with the Video Service Maintenance Guarantee:

- Broadcast Video Service

- Multichannel Video Service\(^{(1)}\)

The Video Service Maintenance Guarantee can only be applied once in any one monthly billing period, on a per circuit basis, or per leg affected basis for multipoint circuits. For daily rated services, the Video Service Maintenance Guarantee can only be applied once per daily billing period, on a per circuit basis, or per leg affected basis for multipoint circuits.

(K)

* This regulation is limited to existing customers at existing locations as of April 1, 2004.

\(^{(1)}\) Effective August 25, 2011, MVS is no longer available to new customers. There is no change for existing customers.
2. General Regulations (Cont'd)

2.12 Credit Allowance for Service Interruptions (Cont'd)

2.12.3 When a Credit Allowance Does Not Apply

No credit allowance will be made for:

(A) Intermittences caused by the negligence of the customer.

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

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

(D) Intermittences of a service when the customer has released that service to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service during the time that was negotiated with the customer prior to the release of that service. Thereafter, a credit allowance as set forth in 2.12.2 preceding applies.

(E) Intermittences of a service which continue because of the failure of the customer to authorize replacement of any element of special construction, as set forth in the Telephone Company's Special Construction tariff. The period for which no credit allowance is made begins on the seventh day after the customer receives the Telephone Company's written notification of the need for such replacement and ends on the day after receipt by the Telephone Company of the customer's written authorization for such replacement.

(F) Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.

(G) Periods of temporary discontinuance as set forth in Section 2.3, Refusal and Discontinuance of Service.

(H) Periods of interruption as set forth in Section 8.5, Maintenance of Service.
2. **General Regulations (Cont'd)**

2.12 **Credit Allowance for Service Interruptions (Cont'd)**

2.12.3 **When a Credit Allowance Does Not Apply (Cont'd)**

(I) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.

(J) Interruption of service caused by a customer's failure to provide notification to the Telephone Company of media stimulated mass calling events as set forth in 6.1.17(F), Customer Requirements.

(K) DS1 service provided as free (unframed) format.

2.12.4 **Use of an Alternative Service During a Service Interruption**

Should the customer elect to use an alternative service provided by the Telephone Company during the period that a service is interrupted, the customer must pay the tariffed rates and charges for the alternative service used.

2.12.5 **Temporary Surrender of a Service**

In certain instances, the customer may be requested by the Telephone Company to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, a credit allowance will be granted. The credit allowance will be 1/1440 of the monthly rate for each period of 30 minutes or fraction thereof that the service is surrendered. In no case will the credit allowance exceed the monthly rate for the service surrendered in any one monthly billing period.
ACCESS SERVICE

2.  General Regulations (Cont'd)

2.13  Definitions

Certain terms used in this Guide are defined as follows:

Access Code

The term "Access Code" denotes a uniform seven digit code assigned by the Telephone Company to an individual customer. The seven digit code has the form 101XXXX and 950-XXXX.

Access Customer Name Abbreviation (ACNA)

Denotes a three alpha character code that identifies the customer to which the Access Service bill is rendered.

Access Customer Terminal Location (ACTL)

Denotes the eleven (11) character Common Language Location Identifier (CCLI) code identifying the customer's Point of Presence (POP/InterLATA facility terminal location).

Access Minutes

The term "Access Minutes" denotes that usage of exchange facilities in interstate or foreign service for the purpose of calculating chargeable usage. On the originating end of an interstate or foreign call, usage is measured from the time the originating end user's call is delivered by the Telephone Company and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an interstate or foreign call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an interstate or foreign call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating exchanges, as applicable.

Access Tandem

The term "Access Tandem" denotes a Telephone Company switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and customer's premises.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Agent

The term "Agent" denotes that person or persons who have authority to allow the Telephone Company to place public telephones on their premises, who have the authority to presubscribe the public telephones on their premises as set forth in Section 4 following, and who make public telephones on their premises available for public use.

Aggregator

The term "Aggregator" denotes any individual, partnership, association, joint-stock company, trust, or corporation that, in the ordinary course of its operations, makes telephones available to the public or to transient users of its premises for interstate telephone calls using a provider of operator services.

Alternate Billing Service

The term "Alternate Billing Service" (ABS) denotes the processing and recording of all calls not Direct Distance Dialed (1+) and billed to an account other than the account associated with the originating line. ABS calls include Calling Card Calls, Collect Calls, and Third Number Billed Calls.

Answer/Disconnect Supervision

The term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination as an indication that the called party has answered or disconnected.

Attenuation Distortion

The term "Attenuation Distortion" denotes the difference in loss at specified frequencies relative to the loss at 1004 Hz, unless otherwise specified.

Authorized Billing Agent

The term "Authorized Billing Agent" denotes a third party hired by a telecommunications service provider to perform billing and collection services for the telecommunications service provider.
2. **General Regulations** (Cont'd)

2.13 **Definitions** (Cont'd)

**B8ZS**

The term "B8ZS" (Bipolar with 8 Zero Substitution) denotes a line code which allows transport of an all-zero octet over a DS1 1.544 Mbps High Capacity channel. B8ZS enables Clear Channel Capability on DS1 1.544 Mbps High Capacity service.

**Balance (100 Type) Test Line**

The term "Balance (100 Type) Test Line" denotes an arrangement in an end office which provides for balance and noise testing.

**Billed Number Screening (BNS)**

The term "Billed Number Screening" (BNS) denotes a service which utilizes a database to determine specific characteristics and/or customer preferences on a billed line number. Examples would include, whether or not the line is a public telephone and whether the billed customer associated with the line will accept a collect call.

**Billing Name and Address (BNA)**

The term "Billing Name and Address" (BNA) denotes the name and address provided to the Telephone Company by each of its local exchange customers to which the Telephone Company directs bills for its services.

**Bit**

The term "Bit" denotes the smallest unit of information in the binary system of notation.

**Broadcast Traffic**

Ethernet frames that are forwarded to all stations on a virtual local area network using the broadcast address.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Business Day

The term "Business Day" denotes the times of day that a company is open for business. This is 8:00 A.M. to 5:00 P.M., Monday through Friday.

Busy Line Interrupt (BLI)

The term "Busy Line Interrupt (BLI)" denotes the interruption of a telephone line which has been verified as being in use.

Busy Line Verification (BLV)

The term "Busy Line Verification (BLV)" denotes the verifying of a telephone line in use.

Call

The term "Call" denotes a customer attempt for which the complete address code (e.g., 0-, 911, or 10 digits) is provided to the serving dial tone office.

Calling Party Number

The term "Calling Party Number" denotes the SS7 out of band signaling parameter which automatically transmits the ten-digit directory number, associated with a calling station, to the customer's premises.

Call-out

A customer required dispatch outside of normal business hours when a technician is not available for dispatch.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Carrier or Common Carrier
See Interexchange Carrier.

Carrier Identification Code
The term "Carrier Identification Code" (CIC) denotes a numerical four digit code that identifies the end users' selected Interexchange Carrier.

Carrier Identification Parameter
The term "Carrier Identification Parameter" denotes the SS7 out of band signaling parameter which identifies and transmits the CIC information to the customer's premises.

Carrier Selection Parameter
The term "Carrier Selection Parameter" denotes the SS7 out of band signaling parameter which identifies whether the dialing end user accessed the customer's network through a presubscribed line or by dialing the customer's 101XXXX code.

C Band
1525-1565 nanometers (unit of spatial measurement that is one billionth of a meter).

CCS
The term "CCS" denotes a hundred call seconds, which is a standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g., trunks).

Central Office
The term "Central Office" denotes a local Telephone Company switching sy where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

Central Office Prefix
The term "Central Office Prefix" denotes the first three digits (NXX) of seven digit telephone number assigned to an End User's Telephone Exchange Service when dialed on a local basis.
2. **General Regulations (Cont'd)**

2.13 **Definitions (Cont'd)**

**Centralized Automatic Reporting on Trunks Testing**

The term "Centralized Automatic Reporting on Trunks Testing" denotes a type of testing which includes the capacity for measuring operational and transmission parameters.

**Centrex CO Service**

The term "Centrex CO Service" denotes a service that uses a portion of a Telephone Company central office switch to meet the customer's internal needs. It serves as the customer's interface with the local and interexchange networks by linking the customer's main stations to the Telephone Company switch with subscriber loops.

**Centrex CO-like Service**

The term "Centrex CO-like Service" denotes a service which operates in a manner which is the same as Centrex CO, e.g., ESSEX, Centron, Centraflex, Airport Service, Hotel-Motel Service.

**Channel(s)**

The term "Channel(s)" denotes an electrical or photonic, in the case of fiber optic-based transmission systems, communications path between two or more points of termination.

**Channel Service Unit**

The term "Channel Service Unit" denotes equipment which performs one or more of the following functions: termination of a digital facility, regeneration of digital signals, detection and/or correction of signal format error, and remote loop back.

**Channelize**

The term "Channelize" denotes the process of multiplexing - demultiplexing wider bandwidth or higher speed channels into narrower bandwidth or lower speed channels.

**Charge Number**

The term "Charge Number" denotes the SS7 out of band signaling parameter which is equivalent to the ten-digit billing number of the calling station. The Charge Number is equivalent to the ANI available with MF signaling.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Circuit Code

The term "Circuit Code" is a numerical code that may be used to signify the type of call. The Circuit Code is analogous to the OZZ in MF signaling.

Clear Channel Capability (CCC)

The term "Clear Channel Capability" (CCC) denotes the transport of twenty-four 64 Kbps channels over a 1.544 Mbps High Capacity Service via B8ZS line code format.

Commingling

Commingling means the connecting, attaching or otherwise linking of an unbundled network element, or a combination of unbundled network elements, to one or more facilities or services that a requesting telecommunications carrier has obtained at wholesale from the Telephone Company, or the combining of an unbundled network element, or a combination of unbundled network elements with one or more such facilities or services. Commingle means the act of commingling.

Committed Information Rate (CIR)

A statistically guaranteed level of transmission or guaranteed bandwidth that the Ethernet network will provide to the Basic Connection when information (or data) needs to be transmitted.

C-Message Noise

The term "C-Message Noise" denotes the frequency weighted average noise within an idle voice channel. The frequency weighting, called C-message, is used to simulate the frequency characteristic of the 500-type telephone set and the hearing of the average subscriber.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

C-Notched Noise

The term "C-Notched Noise" denotes the C-message frequency weighted noise on a voice channel with a holding tone, which is removed at the measuring end through a notch (very narrow band) filter.

Codec

The term "codec" denotes a device which produces a coded output from an analog input, and vice versa.

Coin Station

See Public Telephone.

Common Channel Signaling Network (CCSN)

The term "Common Channel Signaling Network" (CCSN) denotes a specialized digital signaling network separate from the regular message (voice) network which interconnects computerized switching systems and has access to special data bases.

Common Line

The term "Common Line" denotes a line, trunk, public telephone line or other facility provided under the general and/or local exchange service tariffs of the Telephone Company, terminated on a central office switch. A common line-residence is a line or trunk provided under the residence regulations of the general and/or local exchange service tariffs. A common line-business is a line provided under the business regulations of the general and/or local exchange service tariffs.

Communications System

The term "Communications System" denotes channels and other facilities which are capable of communications between terminal equipment provided by other than the Telephone Company.

Competitive County

The term "Competitive County" denotes the geographic unit of a county or county-equivalent that either is competitive pursuant to the F.C.C.'s competitive market test or was granted Phase II, Level 2 pricing flexibility prior to June 1, 2017.
2. **General Regulations (Cont'd)**

2.13 **Definitions (Cont'd)**

**Confirmed Service Date**

The term "Confirmed Service Date" denotes the date on which work activity is scheduled to be completed by the Telephone Company and the service is ready for use by the customer. The Confirmed Service Date is provided by the Telephone Company to the customer.

**Customer(s)**

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this Guide, including both Interexchange Carriers (IC) and End Users.

**Data Transmission (107 Type) Test Line**

The term "Data Transmission (107 Type) Test Line" denotes an arrangement which provides for a connection to a signal source which provides test signals for one-way testing of data and voice transmission parameters.

**Decibel**

The term "Decibel" denotes a unit used to express relative difference in power, usually between acoustic or electric signals, equal to ten (10) times the common logarithm of the ratio of two signal powers.

**Decibel Reference Noise C-Message Weighting**

The term "Decibel Reference Noise C-Message Weighting" denotes noise power measurements with C-Message Weighting in decibels relative to a reference 1000 Hz tone of 90 dB below 1 milliwatt.

**Decibel Reference Noise C-Message Referenced to 0**

The term "Decibel Reference Noise C-Message Referenced to 0" denotes noise power in "Decibel Reference Noise C-Message Weighting" referred to or measured at a zero transmission level point.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Dedicated Signaling Transport (DST)

The term "Dedicated Signaling Transport (DST)" denotes the transport of out-of-band signaling information between the Telephone Company's CCSN and a customer's CCSN on facilities dedicated to the use of a single customer.

Detail Billing

The term "Detail Billing" denotes the listing of each message and/or rate element for which charges to a customer are due on a bill prepared by the Telephone Company.

Dial-Up

The term "Dial-Up" denotes access with Automatic Callback to a Network Reconfiguration Service (NRS) Network Controller via the local Telephone Company Public Switched Network. With this arrangement, the customer dials a specific telephone number to achieve a data connection to the Network Controller. For security reasons, the controller will automatically call the customer back on a predetermined telephone number.

Digital Crossconnect Device (DCD)

The term "Digital Crossconnect Device" denotes equipment within a Network (z) Reconfiguration Service (NRS) serving wire center which uses digital technology to perform channel to channel crossconnect functions.

Diplexed

The term "diplexed" denotes the simultaneous transmission of multiple signals over a single channel.

Direct-Trunked Transport

The term "Direct-Trunked Transport" denotes a Switched Transport facility between a customer's serving wire center and an end office or DA location or Telephone Company access tandem on circuits dedicated to the use of a single customer.
2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Directory Assistance (Interstate)

The term "Directory Assistance" denotes the provision of telephone numbers by a Telephone Company operator when the operator location is accessed by a customer by dialing 555-1212 or (NPA) 555-1212.

Directory Assistance Location (Interstate)

The term "Directory Assistance Location" denotes a Telephone Company office where Telephone Company equipment first receives the Directory Assistance call from a customer's premises and selects the first operator position to respond to the Directory Assistance call.

Echo Control

The term "Echo Control" denotes the control of reflected signals in a telephone transmission path.

Effective 2-Wire

The term "Effective 2-Wire" denotes a condition which permits the simultaneous transmission in both directions over a channel, but it is not possible to insure independent information transmission in both directions. Effective 2-wire channels may be terminated with 2-wire or 4-wire interfaces.

Effective 4-Wire

The term "Effective 4-Wire" denotes a condition which permits the simultaneous independent transmission of information in both directions over a channel. The method of implementing effective 4-wire transmission is at the discretion of the Telephone Company (physical, time domain, frequency-domain separation or echo cancellation techniques). Effective 4-wire channels may be terminated with a 2-wire interface at the customer's premises. However, when terminated, 2-wire, simultaneous independent transmission cannot be supported because the two wire interface combines the transmission paths into a single path.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Electronic Directory Assistance (EDA)

The Term "Electronic Directory Assistance (EDA)" denotes an electronic form of accessing and acquiring information listings from the Telephone Company directory assistance database (also referred to as the Host Computer) without the use of a Telephone Company operator.

End Office Switch

The term "End Office Switch" denotes a local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to trunks. Included are Remote Switching Modules and Remote Switching Systems served by a host office in a different wire center.

End User

The term "End User" denotes any customer of an interstate or foreign telecommunications service that is not a carrier, except that a carrier other than a telephone company shall be deemed to be an "end user" when such carrier uses a telecommunications service for administrative purposes, and a person or entity that offers telecommunications services exclusively as a reseller shall be deemed to be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller.

Entrance Manhole

The term "Entrance Manhole" denotes the entry point designated by the Telephone Company as the point of interconnection for serving wire centers offering Expanded Interconnection.

Entry Switch

See First Point of Switching.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Envelope Delay Distortion

The term "Envelope Delay Distortion" denotes a measure of the linearity of the phase versus frequency of a channel.

Ethernet Virtual Connection (EVC)

A logical connection between the customer demarcation point and the Ethernet network.

Equal Level Echo Path Loss (ELEPL)

The term "Equal Level Echo Path Loss" (ELEPL) denotes the measure of Echo Path Loss (EPL) at a 4-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP).

\[ \text{ELEPL} = \text{EPL} - \text{TLP (send)} + \text{TLP (receive)} \]

Expected Measured Loss

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 1004-Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

Exchange

The term "Exchange" denotes a unit generally smaller than a Local Access and Transport Area, established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given Local Access and Transport Area.

Exit Message

The term "Exit Message" denotes an SS7 message sent to an end office by the Telephone Company’s tandem switch to mark the carrier connect time when the Telephone Company's tandem switch sends an initial address message to a customer.
2. **General Regulations** (Cont'd)

2.13 **Definitions** (Cont'd)

**Field Identifier**

The term "Field Identifier" denotes two to four character codes that are used on service orders to convey specific instructions. Field Identifiers may or may not have associated data. Selected Field Identifiers are used in Telephone Company billing systems to generate nonrecurring charges.

**First-Come, First-Served**

The term "First-Come, First-Served" denotes a procedure followed when the first service order received will be the first service order processed.

**First Point of Switching**

The term "First Point of Switching" denotes the first Telephone Company location at which switching occurs on the terminating path of a call proceeding from the customer premises to the terminating end office and, at the same time, the last Telephone Company location at which switching occurs on the originating path of a call proceeding from the originating end office to the customer premises.

**Frequency Shift**

The term "Frequency Shift" denotes the change in the frequency of a tone as it is transmitted over a channel.

**Grandfathered**

The term "Grandfathered" denotes terminal equipment, multiline terminating systems and protective circuitry directly connected to the facilities utilized to provide services under the provisions of this Guide, and which are considered grandfathered under Part 68 of the F.C.C.'s Rules and Regulations.
2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Host Computer

The term "Host Computer" denotes one or more processor(s), associated software and peripheral equipment which together form an intelligent processor or device connected to a network that satisfies the needs of remote users.

Host Office

The term "Host Office" denotes an electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

Host Subscriber

The term "Host Subscriber" denotes a customer with a multiplexed DS1, DS3 or SONET service who allows a Service User to occupy a channel or port of their multiplexed service through a Shared Network Arrangement.

Immediately Available Funds

The term "Immediately Available Funds" denotes a corporate or personal check drawn on a bank account and funds which are available for use by the receiving party on the same day on which they are received and include U. S. Federal Reserve bank wire transfers, U. S. Federal Reserve notes (paper cash), U. S. Coins, U. S. Postal Money Orders and New York Certificates of Deposit.

Individual Case Basis (ICB)

The term "Individual Case Basis" denotes a condition in which the regulations, if applicable, rates and charges for an offering under the provisions of this Guide are developed based on the circumstances in each case.

Initial Address Message

The term "Initial Address Message" denotes an SS7 message in the forward direction to initiate trunk set up with the busying of an outgoing trunk which carries the information about that trunk along with other information relating to the routing and handling of the call to the next switch.
2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

**Interexchange Carrier (IC) or Interexchange Common Carrier**

The terms "Interexchange Carrier (IC)" or "Interexchange Common Carrier" denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in interstate or foreign communication by wire or radio, between two or more exchanges.

**Intermodulation Distortion**

The term "Intermodulation Distortion" denotes a measure of the nonlinearity of a channel. It is measured using four tones, and evaluating the ratios (in dB) of the transmitted composite four-tone signal power to the second-order products of the tones (R2), and the third-order products of the tones (R3).

**Internet Protocol (IP) Dedicated Access Connection**

Denotes a dedicated high speed connection such as: High Speed (384 Kbps or higher download speed) Cable Modem, DSL Line, Dedicated T1 to the internet, Dedicated DS 3 to the internet or other dedicated IP private line.

**Internet Protocol (IP) Enabled Voice Information Service (IP-VIS)**

Denotes Internet Protocol (IP) voice information services and applications provided over an IP network and their associated capabilities and functionalities that enable an IP-VIS user to send or receive a communication based on Internet Protocol. IP-VIS Service is service between a provider of Internet Protocol (IP) enabled voice information services and the IP-VIS user only.

**Internet Protocol (IP) Enabled Voice Information Service (IP-VIS) Dedicated Location**

Denotes a unique space owned or controlled by an IP-VIS provider, its agent or designee where the IP-VIS provider has located its media gateway used for IP-VIS or where the IP-VIS provider has located transmission facilities used for IP-VIS.
2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

IP Enabled Voice Information Service (IP-VIS) Off Net Traffic

Denotes IP-VIS Traffic originating from IP-VIS Users terminating traffic to non-Telephone Company End Users subtending Telephone Company Access Tandems via the TIPToP one way port interface.

IP Enabled Voice Information Service (IP-VIS) On Net Traffic

Denotes IP-VIS Traffic originating from IP-VIS Users and terminating to Telephone Company users via the TIPToP one way port interface.

IP Enabled Voice Information Service (IP-VIS) Traffic

Denotes any traffic that originates from or terminates to an IP-VIS User at an IP-VIS User Site. Also the traffic must travel on an Internet Protocol Network, and provide an accurate and dialable CPN as part of the call record, that when dialed, will reach that specific IP-VIS User on their Internet Protocol Network at their IP-VIS User Site.

IP Enabled Voice Information Service (IP-VIS) User

Denotes a person utilizing a phone set dedicated for IP use for all voice traffic on the Internet Protocol Network at the IP-VIS User Site, and has an accurate and dialable CPN that when dialed, will reach the IP-VIS User on their Internet Protocol Network at their IP-VIS User Site.

IP Enabled Voice Information Service (IP-VIS) User Site

Denotes the specific temporary or permanent premises where a specific communication is initiated or received by the IP Enabled Voice Information Service (IP-VIS) User, using Internet Protocol.

Internet Protocol (IP) Gateway

Denotes a device that converts communications from Time Division Multiplexing (TDM) to Internet Protocol (IP).
2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

**Internet Protocol (IP) Network**

Denotes a network that carries traffic in Internet Protocol on an IP Dedicated Access Connection between the IP-VIS User Site and the IP Gateway and does not change the protocol to any other protocol between the IP-VIS User Site and the IP Gateway.

**Interstate Communications**

The term "Interstate Communications" denotes both interstate and foreign communications.

**Intrastate Communications**

The term "Intrastate Communications" denotes any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved.
2. **General Regulations (Cont'd)**

2.13 **Definitions (Cont'd)**

**Kilosegment**

The term "Kilosegment" denotes one thousand segments. L Band 1565-1605 nanometers (unit of spatial measurement that is one billionth of a meter).

**Line Information Data Base (LIDB)**

The term "Line Information Data Base" (LIDB) denotes a data base system that is designed to provide on-line call treatment information in response to a query from the CCS7 network.

**Line-Side Connection**

The term "Line-Side Connection" denotes a connection of a transmission path to the line side of a local exchange switching system.

**Local Access and Transport Area (LATA)**

The term "Local Access and Transport Area" denotes a geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

**Local Service Area**

The term "Local Service Area" denotes a geographical area, as defined in the Telephone Company's Local and/or General Exchange Service tariff, within which an end user (Telephone Exchange Service subscriber) may complete calls without incurring toll charges.

**Local Tandem Switch**

The term "Local Tandem Switch" denotes a local Telephone Company switching unit by which local or access telephonic communications are switched to and from an End Office Switch.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Loop Around Test Line

The term "Loop Around Test Line" denotes an arrangement utilizing a telephone company central office to provide a means to make certain two-way transmission tests on a manual basis. This arrangement has two central office terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

Major Fraction Thereof

The term "Major Fraction Thereof" is any period of time in excess of 1/2 of the stated amount of time. As an example, in considering a period of 24 hours, a major fraction thereof would be any period of time in excess of 12 hours exactly. Therefore, if a given service is interrupted for a period of thirty six hours and fifteen minutes, the customer would be given a credit allowance for two twenty four-hour periods for a total of forty eight-hours.

Maritime Radio Common Carriers (MRCCs)

The term "Maritime Radio Common Carriers (MRCCs)" denotes carriers which are regulated under Part 81 of the Federal Communications Commission's Rules and Regulations.

Media Access Control (MAC) Address

A data link layer protocol that defines how packets are transmitted on a local area network.
2. **General Regulations (Cont'd)**

2.13 **Definitions (Cont'd)**

**Message**

The term "Message" denotes a "call" as defined preceding.

**Milliwatt (102 Type) Test Line**

The term "Milliwatt (102 Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurements towards the customer's premises from the Telephone Company end office.

**Multicast Traffic**

Ethernet frames that are forwarded to multiple destinations that are identified using a multicast group address.

**Network Control Signaling**

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.

**Network Controller**

The term "Network Controller" denotes an intelligent device which permits customers to directly control authorized network configurations, within a Network Reconfiguration Service (NRS) arrangement.

**Network Reconfiguration Device**

The term "Network Reconfiguration Device" denotes a device which has the ability to connect/disconnect its internal crossconnections between services terminating on the device when directed to do so via the Network Controller.
2. **General Regulations** (Cont'd)

2.13 **Definitions** (Cont'd)

**Non-Competitive County**

The term "Non-Competitive County" denotes the geographic unit of a county or county-equivalent that neither is competitive pursuant to the F.C.C.'s competitive market test nor was subject to Phase II, Level 2 pricing flexibility prior to June 1, 2017.

**Non IP Enabled Voice Information Service (IP-VIS) Traffic**

Denotes any traffic not specifically defined as or not identifiable as IP-VIS traffic or any traffic that does not travel on an IP Dedicated Access Connection or any traffic that is not in Internet Protocol, for any portion of the communication between the IP-VIS User and the IP Gateway device, or any traffic from a Non IP-VIS User, or any traffic from a user site that is not an IP-VIS User Site, or any traffic classified by this Guide as Non IP-VIS traffic.

**Non IP Enabled Voice Information Service (IP-VIS) User**

Any user(s) not meeting the definition of an IP-VIS User.

**Non IP Enabled Voice Information Service (IP-VIS) Off Net Traffic**

Denotes Non IP-VIS Traffic between a user (IP-VIS or non IP-VIS users) or customer (TIPTOP or non TIPTOP customers) and non-Telephone Company (Off Net) End Users via a TIPTOP port interface.

**Non IP Enabled Voice Information Service (IP-VIS) On Net Traffic**

Denotes Non IP-VIS Traffic between a user (IP-VIS or non IP-VIS users) or customer (IP or non IP customers) and Telephone Company users via a TIPTOP port interface.

**Nonsynchronous Test Line**

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but can be made more rapidly.

**North American Numbering Plan**

The term "North American Numbering Plan" denotes a three-digit area (Numbering Plan Area) code and a seven-digit telephone number made up of a three-digit Central Office code plus a four-digit station number.
2. **General Regulations (Cont'd)**

2.13 **Definitions (Cont'd)**

**Off Net End User**

Denotes a non-Telephone Company end user that subtends a Telephone Company Access Tandem.

**Open Circuit Test Line**

The term "Open Circuit Test Line" denotes an arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

**Originating Direction**

The term "Originating Direction" denotes the use of Access Service for the origination of calls from an end user premises to an IC premises.

**Originating Point Code (OPC)**

The term "Originating Point Code" (OPC) is used to identify each Operator Service System (OSS) location used in the provisioning of LIDB Validation Service.

**OZZ Code**

The term "OZZ" is a numerical code that may be used to signify the type of call. The OZZ is used with MF Signaling.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Packet Delivery Rate (PDR)

Defined as the actual amount of useful and non-redundant information that is transmitted or processed from end-to-end across the Ethernet network. It is a function of bandwidth, error performance, congestion and other factors. PDR will be defined as a percentage of Ethernet frames offered to the network that successfully traverse the network, end-to-end, within the Committed Information Rate (CIR), and within a calendar month. Packet delivery is measured by averaging sample measurements taken during a calendar month from NTE to NTE to which the customer ports are attached.

Packet Switched Data Network (PSDN)\(^{(1)}\)

The term Packet Switched Data Network (PSDN) denotes a service offering whereby the customer utilizes packet switching technology and digital transmission facilities to provide economical common user switched data transport for bursty traffic of X.25 and X.75 protocols.

Phase Jitter

The term "Phase Jitter" denotes the unwanted phase variations of a signal.

Point of Termination

The term "Point of Termination" denotes a point of demarcation within a customer-designated premises at which the Telephone Company's responsibility for the provision of Access Service ends.

Premises

The term "Premises" denotes a building, or a portion of a building in a multitenant building, or buildings on continuous property (except Railroad Right-of-Way, etc.) not separated by a public highway, except for an end user that offers Telecommunications Services exclusively as a reseller. This term is not to be limited to one building, but applies as well to a complex, or campus-type configuration of buildings.

\(^{(1)}\) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Prime Service Vendor

The term "Prime Service Vendor" denotes the status of the Telephone Company when contracting directly with the user of Telecommunications Service Priority (TSP) Service.

Public Telephone

The term "Public Telephone" denotes public payphones, both coin and coinless, that are available to the general public for public convenience. They are located in public or semipublic places where customers can originate telephone calls and pay the applicable charges.

Query

The term "Query" denotes a request for specific information generated by a computer processor and sent to an application, i.e., a database with a predefined set of responses expected.

Radio Common Carriers (RCCs)

The term "Radio Common Carriers (RCCs)" denotes carriers which are regulated under Part 22 of the Federal Communications Commission's Rules and Regulations.

Registered Equipment

The term "Registered Equipment" denotes the customer's premises equipment which complies with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

Release Message

The term "Release Message" denotes an SS7 message sent in either direction to indicate the release of a specific circuit.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Remote Switching Modules and/or Remote Switching Systems

The term "Remote Switching Modules and/or Remote Switching Systems" denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an ESS-type Host Office. The Remote Switching Modules and/or Remote Switching Systems cannot accommodate direct trunks to a customer.

Segment

The term “Segment” denotes a continuous sequence of binary digits (bits) of information within a packet. A segment has a billable length of up to 64 octets of customer data transmitted to or from a character-oriented station.

Service Control Point (SCP)

The term "Service Control Point" (SCP) denotes an SS7 network element whose function is to serve as a control interface between the SS7 network and one or more data bases.

Service Management System (SMS)

The term "Service Management System" (SMS) denotes the main operations support system of the 800 Database Service network. It is used to create and maintain subscriber records that are downloaded to SCPs for use in processing subscriber calls.

Service Switching Point (SSP)

The term "Service Switching Point" (SSP) denotes a switch in the Telephone Company's CCS7 network equipped with the ability to interact with a database using SS7 messages to obtain call routing information.

Service User

The term “Service User” denotes a customer who has their service on a channel or port of a multiplexed DS1, DS3 or SONET service belonging to a Host Subscriber through a Shared Network Arrangement.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Serving Wire Center

The term "Serving Wire Center" denotes the wire center from which the customer designated premises would normally obtain dial tone from the Telephone Company.

Seven Digit Manual Test Line

The term "Seven Digit Manual Test Line" denotes an arrangement which allows the customer to select balance, milliwatt and synchronous test lines by manually dialing a seven digit number over the associated access connection.

Shared Network Arrangement

The term "Shared Network Arrangement" denotes a service offering whereby a Service User may connect subtending services to a Host Subscriber's multiplexed High Capacity Special Access service, Direct-Trunked Transport or SONET service, and the Telephone Company will maintain separate customer records and billing.

Short Circuit Test Line

The term "Short Circuit Test Line" denotes an arrangement in an end office which provides for an ac short circuit termination of a trunk or line by means of a capacitor of at least four microfarads.

Signal Transfer Point

The term "Signal Transfer Point" (STP) denotes a switch in the Telephone Company's CCS7 network which provides access and performs message routing and screening.

Signaling System 7 (SS7)

The term "Signaling System 7" (SS7) denotes the signaling protocol version used in the Common Channel Signaling Network.

Signaling for Tandem Switching

The term "Signaling for Tandem Switching" denotes the Carrier Identification Code (CIC) and the OZZ code on an MF signaling basis and the CIC and Circuit Code on an SS7 basis. This information is needed to perform tandem switching functions.
2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Signal-to-C-Notched Noise Ratio

The term "Signal-to-C-Notched Noise Ratio" denotes the ratio in dB of a test signal to the corresponding C-Notched Noise.

Storage Area Network

Network which links host computers, storage servers, and systems.

Subcontractor

The term "Subcontractor" denotes the status of the Telephone Company when contracting directly with a Prime Service Vendor to provide Telecommunications Service Priority (TSP) to a service user.

Subtending End Office of an Access Tandem

The term "Subtending End Office of an Access Tandem" denotes an end office that has final trunk group routing through that tandem.

Switching System

The term "Switching System" denotes the Telephone Company facilities, including hardware and/or software, which are used to perform switching functions within a central office, end office or tandem office.

Synchronous Test Line

The term "Synchronous Test Line" denotes an arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Switched Digital Data Service (SDDS) Interconnect

The term "Switched Digital Data Service (SDDS) Interconnect" denotes the transmission of originating and terminating data up to 56 Kilobits between a Switched 56 Kbps End User's premises and an Interexchange Carrier's Point of Termination.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Tandem-Switched Directory Transport

The term "Tandem-Switched Directory Transport" denotes a facility between the DA location and the Telephone Company SWC or a Telephone Company access tandem when usage is switched at the access tandem.

Tandem Switching Provider

The term "Tandem Switching Provider" (TSP) denotes any customer that receives Signaling for Tandem Switching from Telephone Company equal access end offices so that the customer may install their own tandems to provide tandem-switching services.

Telecommunications Relay Service (TRS) Provider

The term "Telecommunications Relay Service (TRS) Provider" denotes the authorized provider of TRS in the state.

Telecommunications Service Provider

The term "Telecommunications Service Provider" denotes interexchange carriers, operator service providers, enhanced service providers, and any other provider of telecommunications services.
2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a customer premises to an end user premises.

Termination Charge

The term "Termination Charge" denotes a charge that is applicable should a customer discontinue special construction or specialized service or arrangements, etc., prior to the expiration of its termination liability period. This charge is computed at the time of discontinuance and in no case will it ever exceed the maximum termination liability (charge) which was agreed to by the customer at the time the Special Construction or Specialized Services or Arrangements, etc. was undertaken.

Third Party Host

The term "Third Party Host" denotes a customer who has a Shared Network Arrangement with a Host Subscriber, and allows a Cascading Service User to occupy a channel or port of the Third Party Host's multiplexed service through a Cascading Shared Network Arrangement.

Transmission Measuring (105 Type) Test Line/Responder

The term "Transmission Measuring (105 Type) Test Line/Responder" denotes an arrangement in an end office which provides far-end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near end office.

Transmission Path

The term "Transmission Path" denotes an electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived channels consisting of any form or configuration of facilities typically used in the telecommunications industry.
2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

**Trunk**

The term "Trunk" denotes a communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

**Trunk Group**

The term "Trunk Group" denotes a set of interchangeable trunks which are traffic engineered as a unit to establish connections between switching systems.

**Trunk Side Connection**

The term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of a local exchange switching system.

**Two-Wire to Four-Wire Conversion**

The term "Two-Wire to Four-Wire Conversion" denotes an arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (e.g., a central office switch).
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

Unbundled Network Elements (UNEs)

Denotes the network elements the Telephone Company is required to provide on an unbundled basis pursuant to Section 251(c)(3) of the Communications Act of 1934, as amended.

Unicast Traffic

Ethernet frames forwarded from one station to another using the individual address.

Uniform Service Order Code (USOC)

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

Unknown Unicast Traffic

Ethernet frames that contain a destination address that has not been "learned" by the network equipment and is treated for an address with no dynamic filtering entry present.

V and H Coordinates Method

The term "V and H Coordinates Method" denotes a method of computing airline miles between two points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.

Virtual Tributary (VT)

Denotes a Synchronous Optical Network (SONET) structure designed for the transport of sub-EC-1 signals which are less than 51.84 Mbps bandwidth. A (DS1) 1.544 Mbps signal is mapped into the SONET format using a VT 1.5 (1.728 Mbps) as a packaging mechanism that is internal to the SONET signal.

Virtual Switch

The term "Virtual Switch" denotes a software defined switch.
ACCESS SERVICE

2. General Regulations (Cont'd)

2.13 Definitions (Cont'd)

WATS Serving Office

The term "WATS Serving Office" denotes a telephone company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services. Designation of a serving wire center as a WSO is based upon the capability and capacity of the end office switch to provide WATS Access Service arrangements. WATS Access Service arrangements and WATS Access Service options as described in Sections 6 and 7 following may not be available at all WATS Serving offices. WATS Serving offices are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

Wide Area Network Physical Transport (WAN_PHY)

An Ethernet standard for wide area network transport at the physical layer, with a maximum bit rate of 9.953 Gbps.

Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

Zero Minus Transfer (0-)

The term "Zero Minus Transfer (0-)") denotes the transfer of an end user call to a specific IC by a Telephone Company operator.

900 Access Service Screening Office

The term "900 Access Service Screening Office" denotes an end office or access tandem that performs the customer identification function required to provide 900 Access Service to all customers.
ACCESS SERVICE

3. RESERVED
**ACCESS SERVICE**

4. RESERVED
5. **Ordering Regulations**

5.1 **General**

This section sets forth the regulations and order related charges for ordering Access Service. An Access Order is used to provide a customer with Access Service or to make changes to existing Access Services.

A customer may order any number of services of the same type between the same premises on a single Access Order, except when requested activity involves more than ten Carrier Identification Codes. An Access Order is required for each additional group of ten Carrier Identification Codes requiring establishment, removal, or changes. All details for services for a particular order must be identical except for multipoint service.

The Telephone Company may order comparable special access services pursuant to this Guide on behalf of telecommunications service providers who are purchasing DS1 or DS3 loop or transport, entrance facilities, dedicated transport DS0 or Optical Carrier Network as unbundled network elements (UNEs) from the Telephone Company for which they are no longer eligible, as of March 12, 2006, unless alternative arrangements have been made as of March 12, 2006. Non-recurring Access Service Order charge will apply.

Available inventory is limited and does not include facilities previously ordered. The Telephone Company will make every reasonable effort to maintain sufficient available inventory to provide Access Service in accordance with a customer's requested service date intervals. To the extent that service can be provided, Access Orders will be satisfied from available inventory.

Except as provided below, the Telephone Company shall permit a requesting telecommunications carrier to commingle an unbundled network element or a combination of unbundled network elements with wholesale services obtained from the Telephone Company, to the extent provided by and subject to the terms and conditions of the requesting telecommunications carrier’s interconnection agreement with the Telephone Company (or, if applicable, of the Telephone Company intrastate tariffs).\(^1\)

\(^1\) In the event the Commission or a court, pursuant to any regulatory or judicial review of the Commission's Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, FCC 03-36, para. 581 (released Aug. 21, 2003) (Triennial Review Order), vacates, stays, remands, reconsiders, or rejects the portion of the Triennial Review Order requiring ILECs to permit commingling, the terms and conditions of this Guide authorizing commingling, which are identified with a footnote, shall cease to be effective as of the effective date of the Commission order or the issuance of the court’s mandate. In that event, the Telephone Company will provide customers that have commingled UNE(s) and/or UNE Combination(s) with wholesale services obtained under this Guide written notice that, within 30 days, customers must either convert such UNE(s) or UNE Combination(s) to a comparable service, or disconnect such UNE(s) and/or UNE Combination(s) from those wholesale services. Failure to provide the Telephone Company instructions to convert or disconnect such UNE(s) and/or UNE Combination(s) within 30 days, as described above, shall be deemed authorization to convert the UNE(s) and/or UNE Combination(s) to comparable access services at month-to-month rates.
5. **Ordering Regulations (Cont'd)**

5.1 **General (Cont'd)**

The Telephone Company need not provide access to (1) an unbundled DS1 loop in combination, or commingled, with a dedicated DS1 transport or dedicated DS3 transport facility or service, or to an unbundled DS3 loop in combination, or commingled, with a dedicated DS3 transport facility or service, or (2) an unbundled dedicated DS1 transport facility in combination, or commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled dedicated DS3 transport facility in combination, or commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled DS3 loop or a DS3 channel termination service, unless the requesting telecommunications carrier certifies that all of the following conditions are met:

1. The requesting telecommunications carrier has received state certification to provide local voice service in the area being served or, in the absence of a state certification requirement, has complied with registration, tariffing, filing fee, or other regulatory requirements applicable to the provision of local voice service in that area.

2. The following criteria are satisfied for each combined circuit, including each DS1 circuit, each DS1 enhanced extended link, and each DS1-equivalent circuit on a DS3 enhanced extended link:

   (i) Each circuit to be provided to each end user customer will be assigned a local number prior to the provision of service over that circuit;

   (ii) Each DS1-equivalent circuit on a DS3 enhanced extended link must have its own local number assignment, so that each DS3 must have at least 28 local voice numbers assigned to it;

   (iii) Each circuit to be provided to each end user customer will have 911 or E911 capability prior to the provision of service over that circuit;

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(1) In the event the Commission or a court, pursuant to any regulatory or judicial review of the Commission's Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, FCC 03-36, para. 581 (released Aug. 21, 2003) (Triennial Review Order), vacates, stays, remands, reconsider, or rejects the portion of the Triennial Review Order requiring ILECs to permit commingling, the terms and conditions of this Guide authorizing commingling, which are identified with a footnote, shall cease to be effective as of the effective date of the Commission order or the issuance of the court's mandate. In that event, the Telephone Company will provide customers that have commingled UNE(s) and/or UNE Combination(s) with wholesale services obtained under this Guide written notice that, within 30 days, customers must either convert such UNE(s) or UNE Combination(s) to a comparable service, or disconnect such UNE(s) and/or UNE Combination(s) from those wholesale services. Failure to provide the Telephone Company instructions to convert or disconnect such UNE(s) and/or UNE Combination(s) within 30 days, as described above, shall be deemed authorization to convert the UNE(s) and/or UNE Combination(s) to comparable access services at month-to-month rates.

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ACCESS SERVICE

5. Ordering Regulations (Cont'd)

5.1 General (Cont'd)

(iv) Reserved

(v) Reserved

(vi) For each 24 DS1 enhanced extended links or other facilities having equivalent capacity, the requesting telecommunications carrier will have at least one active DS1 local service interconnection trunk that meets the requirements detailed below; and

(vii) Reserved

(1) In the event the Commission or a court, pursuant to any regulatory or judicial review of the Commission's Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, FCC 03-36, para. 581 (released Aug. 21, 2003) (Triennial Review Order), vacates, stays, remands, reconsiders, or rejects the portion of the Triennial Review Order requiring ILECs to permit commingling, the terms and conditions of this Guide authorizing commingling, which are identified with a footnote, shall cease to be effective as of the effective date of the Commission order or the issuance of the court's mandate. In that event, the Telephone Company will provide customers that have commingled UNE(s) and/or UNE Combination(s) with wholesale services obtained under this Guide written notice that, within 30 days, customers must either convert such UNE(s) or UNE Combination(s) to a comparable service, or disconnect such UNE(s) and/or UNE Combination(s) from those wholesale services. Failure to provide the Telephone Company instructions to convert or disconnect such UNE(s) and/or UNE Combination(s) within 30 days, as described above, shall be deemed authorization to convert the UNE(s) and/or UNE Combination(s) to comparable access services at month-to-month rates.
5. **Ordering Regulations (Cont'd)**

5.2 **Provision of Basic Customer Information**

The customer shall furnish all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the service-specific ordering information set forth in Section 5.6, the customer shall provide:

(A) The customer or End User name(s) and premises address(es) where service(s) will be terminated.

(B) The billing name and address (when different from the customer name and address), and

(C) The customer contact name(s) and telephone number(s) for the following provisioning activities:
   - order negotiation and confirmation,
   - interactive design,
   - installation and
   - billing.
5. **Ordering Regulations (Cont'd)**

5.3 **Access Order Service Date Intervals**

The date on which the Telephone Company receives a firm order commitment from the customer and sufficient information to allow processing of an Access Order is referred to as the Application Date, or Order Date. The customer is advised of the Application Date at the time the Telephone Company gives the customer a firm order confirmation.

To the extent that the requested Access Service can be made available with reasonable effort, the Telephone Company will provide the service in accordance with the customer's requested interval or requested service date.

The time required to provision the service (i.e., the interval between the Application Date and the Service Date) is known as the service interval and are established by the Telephone Company.

Schedules that specify installation intervals will also specify the services and quantities of the services that can be provided as specified in 5.3.1(B) and (C). The Telephone Company will adhere to the intervals as specified in Section 5.4.2(A), except during circumstances beyond its direct control (i.e., acts of God, governmental requirements, work stoppages and civil commotions). Standard Intervals only apply when facilities and equipment are available.

Access Services will be installed during Telephone Company business days. If a customer requests that installation be done outside of normally scheduled work hours, and the Telephone Company agrees to this request, the customer will be subject to applicable charges described in 8.6.2 (Additional Labor).

### Standard Intervals

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog/Voice Grade/DS0</td>
<td>10 days</td>
</tr>
<tr>
<td>DS1/Fractional DS1</td>
<td>7 days(^{(1)})</td>
</tr>
<tr>
<td>DS3</td>
<td>7 days(^{(1)})</td>
</tr>
</tbody>
</table>

\(^{(1)}\) Interval only applies where facilities and equipment exist. When facilities and equipment do not exist the interval is dependent upon the complete installation of new facilities and equipment.
5. Ordering Regulations (Cont'd)

5.3 Access Order Service Date Intervals (Cont'd)

5.3.1 Negotiated Interval

The Telephone Company will negotiate a service date interval with the customer when:

(A) There is no standard interval for the service, or

(B) The quantity of Access Services ordered exceeds the quantities specified in Section 5.4.2(A), or

(C) The customer requests a service date beyond the applicable standard interval service date.

(D) The customer places orders to install Access Advantage Plus (AA+) Transport Service or to activate or to rearrange Multiplexer Cross-Connections on an existing AA+ Transport Service.

The Telephone Company will offer a service date based on the type and quantity of Access Services the customer has requested. The negotiated interval may not exceed by more than six months the standard interval service date, or, when there is no standard interval, the Telephone Company offered service date.
5. Ordering Regulations (Cont'd)

5.4 Access Order Modifications

The customer may request a modification of an access order at any time prior to notification by the Telephone Company that service is available for the customer's use. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the access order modification, the Telephone Company will schedule a new service date. All charges for access order modifications will apply on a per order, per occurrence basis as set forth following.

Any increase in the number of Special Access Service channels or STP Port Terminations will be treated as a new Access Order. The new order is for the increased amount only. If order modifications are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order modification charges being incurred by the customer.

5.4.1 Service Date Change Charge/Dispatch Charge

A Service Date Change Charge will apply when a Customer modifies an Access Order service date for the installation of new services or rearrangements of existing services.

(A) For services other than Digital Data Service, Access Advantage Plus (AA+), High Capacity DS1 and DS3 special access services:

If the Customer requested service date is more than 30 calendar days after the original service date, the order will be cancelled by the Telephone Company and reissued with the appropriate cancellation charges applied as set forth in Section 5.5(B), following.
5. **Ordering Regulations** (Cont’d)

5.4 **Access Order Modifications** (Cont’d)

5.4.1 **Service Date Charge/Dispatch Charge** (Cont’d)

(B) For Digital Data Service, Access Advantage Plus (AA+), High Capacity DS1 and DS3 special access services:

If a Customer does not accept Access Service within 30 calendar days after the original service date, the Customer will, at its option:

1. Cancel its Access Order, in which case Section 5.5(B) shall apply; or

2. Accept billing within 30 calendar days after the original service date, in which case billing will begin; or

3. Neither cancel the Access Order nor accept service, in which case the following will apply. If the Customer neither cancels the Access Order nor accepts service, all applicable service charges shall begin to accrue on the 31st calendar day after the original service date (the Effective Billing Date). If the Customer accepts service within 90 calendar days after the original service date, the Telephone Company will commence billing upon the Customer’s acceptance of service and such billing will apply as of the Effective Billing Date. If the Customer fails to accept service within 90 calendar days after the original service date, the Telephone Company will cancel the relevant Access Order(s) and will bill the Customer for cancellation charges, as set forth in 5.5(B), following, plus all charges accrued between the Effective Billing Date and the date of cancellation using the rate associated with the shortest term available for the service being cancelled.
5. Access Order Modifications (Cont’d)

5.4.1 Service Date Charge Charge/Dispatch Charge (Cont’d)

(C) When, for any reason, the Customer cannot accept the service for a period not to exceed 30 calendar days, and the Telephone Company delays the start of service accordingly, a Service Date Change Charge will apply.

A new service date may be established that is prior to the original service date if the Telephone Company determines it can accommodate the Customer’s request without delaying service dates for orders of other Customers. If the service date is changed to an earlier date, the Customer will be notified by the Telephone Company that Expedited Order Charges as set forth in Section 5.4.2 will apply. Such charges will apply in addition to the Service Date Change Charge.

Failure to notify, as noted below, the Telephone Company prior to the original service date to request a different service date will result in the application of a Service Date Change Dispatch Charge for installation, moves and rearrangement of services. If a Telephone Company technician is dispatched to the Customer’s premises on the scheduled service date and the Customer is not ready to accept service or the Customer has failed to notify the Telephone Company before 3:00PM (ET) on the business day prior to the scheduled service date that the service date needs to be changed, a Service Date Change Dispatch Charge will apply.

If the Customer reschedules the service date, a Service Date Change Charge, as set forth following will also apply. If the Customer cancels the service date, cancellation charges will also apply in accordance with terms and conditions for cancellation charges as set forth in Section 5.5, following. Cancellation of the order will not preclude the application of the Service Date Change Charge and/or the Service Date Change Dispatch Charge assessed for prior occurrences on the same order.
ACCESS SERVICE

5. Ordering Regulations (Cont'd)

5.4 Access Order Modifications (Cont'd)

5.4.1 Service Date Change Charge/Dispatch Charge (Cont'd)

(D) A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. A Service Date Change Dispatch Charge will apply per occurrence when a technician is dispatched to the customer's premises and the customer is not ready for service. The applicable charge is:

<table>
<thead>
<tr>
<th>Charge</th>
<th>Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service Date Change Charge, per order</td>
<td>$26.50</td>
</tr>
<tr>
<td>Service Date Change Dispatch Charge, per occurrence</td>
<td>$200.00</td>
</tr>
</tbody>
</table>
5. **Ordering Regulations (Cont'd)**

5.4 **Access Order Modifications (Cont'd)**

5.4.2 **Expedite Charges**

(A) **Analog (WATS Access Line), DS0 (Digital Data), Fractional DS1, Entrance Facilities (Voice Grade, DS1, DS3) and High Capacity Services (DS1, DS3) Access Services**

If a customer desires that service be provided on a due date earlier than the standard interval, the customer may request that service be provided on an expedited service interval. To qualify for an expedited interval the customer must provide End User premises access, where needed, until 11PM (ET), Monday-Friday.

When the customer requests a 0-2 day expedite interval, on DS3, Analog (Metallic, Telegraph, Direct Analog, Wideband Analog), DS0 (Wideband Data, Base Rate), DS1 128, 256, 384, 512, 768 Kbps, Entrance Facilities (Voice Grade, DS1, DS3) and DS1/DS3 Access Service, the request must be received by the Telephone Company by 8:30AM (ET), Monday-Friday. All 0-2 day expedite interval requests received after 8:30AM (ET) will reflect an application date of the next business day and the due date will also be changed to the next business day. Expedite charges will be determined by the interval between the application date and the expedite due date.

If, upon reviewing availability of equipment, facilities and scheduled workload, the Telephone Company agrees to provide service on an expedited basis and the customer accepts this proposal, an Expedite Order Charge (in case of Analog, DS0, Fractional DS1, Voice Grade/DS1 Entrance Facilities and High Capacity DS1 Access Services) or Expedite Circuit Charge (in case of DS3 Entrance Facilities and High Capacity DS3 Access Services) will apply.

The maximum number of circuits, which may be expedited, is limited to twelve (12) two-point or six (6) multi-point Analog/DS0 circuits at the same location; a limit of nine (9) DS1 circuits at the same location; a limit of four (4) Fractional DS1 circuits at the same location; and a limit of two (2) DS3 circuit at the same location. When the number of access circuits exceeds the maximum threshold the interval will be negotiated.
5. Ordering Regulations (Cont'd)

5.4 Access Order Modifications (Cont'd)

5.4.2 Expedite Charges (Cont'd)

(A) Analog (WATS Access Line), DS0 (Digital Data), Fractional DS1, Entrance Facilities (Voice Grade, DS1, DS3) and High Capacity Services (DS1, DS3) Access Services (Cont'd)

If the Telephone Company determines that service can be provided on an expedited basis, the following charges will apply based upon agreed upon expedited service interval. The Expedited Order Charge (in case of Analog, DS0, Fractional DS1, Voice Grade/DS1 Entrance Facilities and High Capacity DS1 Access Services) applies on a per order basis, regardless of the number of circuits on the order. The Expedited Circuit Charge (in case of DS3 Entrance Facilities and High Capacity DS3 Access Services) applies on a per circuit basis.

**Analog/Voice Grade/DS0 Access Services**

<table>
<thead>
<tr>
<th>Expedited Service Intervals</th>
<th>Expedited Order Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 days</td>
<td>$375.00</td>
</tr>
<tr>
<td>8 days</td>
<td>$425.00</td>
</tr>
<tr>
<td>7 days</td>
<td>$475.00</td>
</tr>
<tr>
<td>6 days</td>
<td>$525.00</td>
</tr>
<tr>
<td>5 days</td>
<td>$575.00</td>
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<tr>
<td>4 days</td>
<td>$625.00</td>
</tr>
<tr>
<td>3 days</td>
<td>$675.00</td>
</tr>
<tr>
<td>2 days</td>
<td>$1,500.00</td>
</tr>
<tr>
<td>1 day</td>
<td>$2,000.00</td>
</tr>
<tr>
<td>0 days</td>
<td>$2,500.00</td>
</tr>
</tbody>
</table>

**DS1/ Fractional DS1 Access Services**

<table>
<thead>
<tr>
<th>Expedited Service Intervals</th>
<th>Expedited Order Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 days</td>
<td>$425.00</td>
</tr>
<tr>
<td>7 days</td>
<td>$475.00</td>
</tr>
<tr>
<td>6 days</td>
<td>$525.00</td>
</tr>
<tr>
<td>5 days</td>
<td>$575.00</td>
</tr>
<tr>
<td>4 days</td>
<td>$625.00</td>
</tr>
<tr>
<td>3 days</td>
<td>$675.00</td>
</tr>
<tr>
<td>2 days</td>
<td>$1,500.00</td>
</tr>
<tr>
<td>1 day</td>
<td>$2,000.00</td>
</tr>
<tr>
<td>0 days</td>
<td>$2,500.00</td>
</tr>
</tbody>
</table>
ACCESS SERVICE

5. Ordering Regulations (Cont'd)

5.4 Access Order Modifications (Cont'd)

5.4.2 Expedite Charges (Cont'd)

(A) Analog (WATS Access Line), DS0 (Digital Data), Fractional DS1, Entrance Facilities (Voice Grade, DS1, DS3) and High Capacity Services (DS1, DS3) Access Services (Cont'd)

<table>
<thead>
<tr>
<th>High Capacity DS3 Access Services</th>
<th>Expedited Service Intervals</th>
<th>Expedited Circuit Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9 days</td>
<td>$375.00</td>
</tr>
<tr>
<td></td>
<td>6 days</td>
<td>$1,500.00</td>
</tr>
<tr>
<td></td>
<td>5 days</td>
<td>$2,000.00</td>
</tr>
<tr>
<td></td>
<td>4 days</td>
<td>$2,500.00</td>
</tr>
<tr>
<td></td>
<td>3 days</td>
<td>$3,000.00</td>
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<tr>
<td></td>
<td>2 days</td>
<td>$3,500.00</td>
</tr>
<tr>
<td></td>
<td>1 day</td>
<td>$4,000.00</td>
</tr>
<tr>
<td></td>
<td>0 days</td>
<td>$4,500.00</td>
</tr>
</tbody>
</table>

(1) In addition to Expedited Order Charges or Expedited Circuit Charges, special construction charges may apply, if the Telephone Company determines that additional cost will be incurred.

(2) When the request for expediting occurs subsequent to the issuance of the Access Order, a Service Date Change Charge as specified in 5.4.1 preceding, also applies.

(3) If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, no Expedite Order Charge or Expedite Circuit Charge will apply, unless the missed service date was caused by the customer.

(4) The Telephone Company will adhere to the expedite intervals as specified above, except during circumstances beyond its direct control (i.e., acts of God, governmental requirements, work stoppages and civil commotions).
ACCESS SERVICE

5. Ordering Regulations (Cont'd)

5.4 Access Order Modifications (Cont'd)

5.4.2 Expedite Charges (Cont'd)

(B) For all Access Services, excluding Analog (WATS Access Line), DS0 (Digital Data), Fractional DS1, Entrance Facilities (Voice Grade, DS1, DS3) and High Capacity Services (DS1, DS3) Access Services

If the customer desires that service be provided on an earlier date than that which has been established for the Access Order or the provision of the Access Service, the customer may request that service be provided on an expedited basis. If the Telephone Company determines that service can be provided on the requested date and that additional labor costs or extraordinary costs are required to meet the requested service date, the customer will be notified and will be provided with an estimate of the additional charges involved. The total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%. If the customer instructs the Telephone Company to proceed, such additional charges will be determined and billed to the customer as follows:

To calculate the additional labor charges, the Telephone Company will, upon authorization from the customer to incur the additional labor charges, keep track of the additional labor hours used to meet the request of the customer and will bill the customer at the applicable additional labor charges as set forth in 8.6.

(1) Extraordinary Costs: The special construction terms and conditions specified in the Telephone Company’s Special Construction tariff will be used by the Telephone Company to determine charges to recover the extraordinary costs, which may be involved.

Authorization to incur the costs and to bill the customer will be in accordance with the terms and conditions of the Telephone Company’s Special Construction tariff.
5. Ordering Regulations (Cont'd)

5.4 Access Order Modifications (Cont'd)

5.4.2 Expedite Charges (Cont'd)

(B) For all Access Services, excluding Analog (WATS Access Line), DS0 (Digital Data), Fractional DS1, Entrance Facilities (Voice Grade, DS1, DS3) and High Capacity Services (DS1, DS3) Access Services (Cont'd)

(2) When the request for expediting occurs subsequent to the issuance of the Access Order, a Service Date change Charge as set forth in 5.4.1 preceding, also applies.

(3) If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, no Expedite Order Charge or Expedite Circuit Charge will apply, unless the missed service date was caused by the customer.

(4) The Telephone Company will adhere to customer requested expedites approved by the Telephone Company, except during circumstances beyond its direct control (i.e., acts of God, governmental requirements, work stoppages and civil commotions).
5. Ordering Regulations (Cont'd)

5.4 Access Order Modifications (Cont'd)

5.4.3 Design Change Charge

The customer may request a design change to the service ordered. A design change is any change to an Access Order which requires engineering review by Telephone Company personnel to determine what, if any, changes are necessary in the design of the service ordered to implement the changes requested by the customer.

The Telephone Company will review the requested change, notify the customer whether the change constitutes a design change, if it can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply on a per order, per occurrence basis, for each order requiring a design change.

If a change of service date is required, the Order Modification Charge as set forth in Section 5.4 preceding will also apply.

(A) Design changes include such things as the addition or deletion of optional features or functions or a change in the type of Transport Termination (Switched Access only), type of channel interface, type of Interface Group or technical specification package.

The Design Change Charge applies on a per order, per occurrence basis for each design change, as follows:

| Design Change Charge | $42.55 |

(B) Design changes do not include a change of customer premises, end user premises, or Special Access Service channel type. Changes of this Nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.
5. Ordering Regulations (Cont'd)

5.5 Cancellation of an Access Order

Cancellation charges are applicable when (1) a Customer cancels an Access Order for the installation of service at any time prior to notification by the Telephone Company that service is available for the Customer's use, and (2) a Customer requests a decrease in the number of ordered Special Access Service channels (as applicable in this Section). The latter will be treated as a partial cancellation.

(A) Cancellation Date

The cancellation date is the earliest date the Telephone Company receives written or verbal notice from the Customer that the order is to be cancelled. A verbal notice must be followed by written confirmation within 10 days. Termination liability charges, associated with term plans, will not apply to orders that are cancelled within 90 calendar days after the original service date where the Customer has accepted billing but not accepted service.
5. **Ordering Regulations** (Cont'd)

5.5 **Cancellation of an Access Order** (Cont'd)

(B) **Cancellation Charge**

When the Customer cancels an Access Order, a Cancellation Charge will apply.

Cancellation charges for Voice Grade, Digital Data and High Capacity Services are the nonrecurring charge for the service.

Other cancellation charges are calculated by multiplying the nonrecurring charges (NRC) associated with the shortest term available for the service being cancelled, by the applicable critical date percentage shown in the Table of Cancellation Charge Percentages, following, for the critical date last completed on the order, plus:

1. The Access Order Charge
2. Other charges specified in Section 5.4 (Access Order Modifications), if applicable.

**Example**

If a Customer submits an order to install a new Video service and then cancels the order after the Design, Verified, and Assigned (DVA) critical date, but before the Wired and Office Tested (WOT) critical date, the cancellation charge will be calculated as follows:

Cancellation Charge = 55.7% (from the Table of Cancellation Charge Percentages, following) X Non-Recurring installation charge for one channel termination.

The Access Order Charge and other charges specified in Section 5.4 (Access Order Modifications), if applicable, are added to the cancellation charge.
ACCESS SERVICE

5. Ordering Regulations (Cont'd)

5.5 Cancellation of an Access Order (Cont'd)

(B) Cancellation Charge (Cont'd)

The critical dates tracked by the Telephone Company are as follows:

- **Application (APP) Date**: The date by which the Customer must provide to the Telephone Company both (1) a firm commitment for service and (2) sufficient information to enable the Telephone Company to begin service provisioning. This is also the order date.

- **Scheduled Issue Date (SID)**: The date that the order is entered into the Telephone Company's order distribution system.

- **Loop Assignment and Make-up (LAM) Date**: The date by which Local Loop Assignment and Make-up information is available.

- **Engineering Information Report Date (EIRD)**: The date that the engineering information report for facilities and station equipment is received by the engineering control office (ECO).

- **Design Layout Report Date (DLRD)**: The date the Design Layout Report is forwarded to the Customer.

- **Records Issue Date (RID)**: The date that all design and assignment information is sent to the central office and installation forces.

- **Designed, Verified, and Assigned (DVA) Date**: The date by which field implementation groups report that all documents and materials have been received.

- **Wired and Office Tested (WOT) Date**: The date by which all intraoffice wiring is completed, all plug-ins optioned, aligned, and frame continuity established, and the interoffice facilities, if applicable, tested. In addition, switching equipment, including translation loading, is installed and tested.

- **Frame Continuity Date (FCD)**: The date on which frame-to-frame testing is completed. This is sometimes referred to as the Facility Continuity Check Date.

- **Plant Test Date (PTD)**: The date on which overall testing of the service is performed.

- **Service Date (DD)**: The date on which service is made available to the Customer. This is sometimes referred to as the Due Date.
5. Ordering Regulations (Cont'd)

5.5 Cancellation of an Access Order (Cont'd)

(B) Cancellation Charge (Cont'd)

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5. Ordering Regulations (Cont'd)

5.5 Cancellation of an Access Order (Cont'd)

(C) When Cancellation Charges Do Not Apply

(1) When a Customer cancels an order for the discontinuance of service, no charges apply for the cancellation.

(2) If the Telephone Company misses a service date by more than 30 days except due to circumstances such as acts of God, governmental requirements, work stoppages and civil commotions, the Customer may cancel the Access Order without incurring cancellation charges.
5. **Ordering Regulations (Cont'd)**

5.6 **Service-Specific Ordering Information**

If a PIU is required, the customer must provide its PIU when placing an order for Access Services in accordance with Section 2.7.2 of this Guide.

5.6.1 **Special Access Service**

The customer must designate the customer premises and/or Hubs involved, the channel type, e.g., Voice Grade, the network channel interface, technical specification package and options desired and the percent interstate usage in accordance with Section 2.5.9. For multipoint services, the network channel interface specified at each premises may be different, but all such interfaces shall be compatible.

5.6.2 **WATS Access Line Service**

The customer must specify the type of calling for the service to be provided i.e., originating only, terminating only or two-way, and the Telephone Company provided screening functions desired. Additionally, when (a) the wire center which serves the WATS Access Line Service customer (end user) premises is not a WATS Serving Office (WSO) or (b) when that wire center is a WSO, but there is no available capacity, the Telephone Company will provide the WATS Access Line Service to the nearest wire center which functions as a WSO and/or at which capacity is available. In these circumstances, the customer will be so notified and the order will be changed to designate the appropriate WSO wire center. No Service Order Modification charge will apply for the change. However, the customer will be billed the appropriate channel mileage charge from the WATS Access Line Service customer's (end user's) serving wire center to the WATS or WATS-type serving office which serves that serving wire center.

5.6.3 **Special Access Surcharge Exemption**

Where the Special Access Service, including Access Advantage Plus (AA+) Transport Service, is exempt from the Special Access Surcharge as set forth in Section 7.4.4; the customer shall furnish the certification with the order, as set forth in that section.

5.6.4 **Shared Use Facilities**

Shared Use of the same digital high capacity facilities for the provision of both Switched and Special Access Services is permitted as long as both facilities have the same term plan, as referenced in 2.11.1.1(G). Shared Use facilities shall be ordered to a Hub and will be provided as Switched Access Service or Special Access Service. Individual services utilizing Shared Use facilities must be ordered either as Switched Access Service or Special Access Service. When placing the order for such individual service(s), the customer must specify the channel assignment for each service ordered.
5. **Ordering Regulations** (Cont'd)

5.6 **Service-Specific Ordering Information** (Cont'd)

5.6.5 **Shared Network Arrangement**

A Shared Network Arrangement is a service offering that enables a Customer (the "Service User") to connect subtending services to the multiplexed service of another Customer (the "Host Subscriber"). The Telephone Company maintains separate records and billing for each. Each Customer will be billed for those rate elements associated with their own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains subtending circuits from a Host's multiplexed service.

Under the Shared Network Arrangement, the Telephone Company may share record information with the Host Subscriber pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the Telephone Company as is necessary to perform billing reconciliations and/or functions required in connection with maintaining account records.

(A) **Establishing a Shared Network Arrangement**

When establishing Special Access Service or Switched Access Service under a Shared Network Arrangement, the Host Subscriber and the Service User must coordinate with each other the design, testing and maintenance of the service; additionally, the Service User must provide to the Telephone Company the Connecting Facility Assignment (CFA) and the High Capacity Billing Account Number (HBAN) of the Host Subscriber. The Telephone Company will undertake to connect the Service User's circuits to the Host’s service, and to establish and maintain separate billing for the Service User's portion of the service. Additionally, the Service User must: (i) obtain a letter of authorization for the Shared Network Arrangement from the Host Subscriber, and (ii) provide a written copy of the letter of authorization to the Telephone Company if a dispute arises with respect to the authorization for the applicable Services.
5. Ordering Regulations (Cont'd)

5.6 Service-Specific Ordering Information (Cont'd)

5.6.5 Shared Network Arrangement (Cont'd)

(A) Establishing a Shared Network Arrangement (Cont'd)

(1) Cascading Shared Network Arrangement

In the event that the Service User is requesting a subtending circuit from a Host Shared Network Arrangement with a third-party Host (a Cascading Shared Network Arrangement), the Service User must also obtain and provide to the Telephone Company the appropriate HBAN and CFA of the third-party Host, in order to identify the complete circuit for purposes of maintenance and testing continuity.

In a Cascading Shared Network Arrangement, it is the third-party Host's responsibility to notify the Host Subscriber of the Cascading Service User and provide them with the Cascading Service User contact information prior to the third-party Host's Shared Network Arrangement with the Cascading Service User.^(1)^

The Service User (including a Cascading Service User) will have Special Access Service under the Shared Network Arrangement, as long as (1) the applicable letter of authorization establishing the Service User's rights to participate in the Shared Network Arrangement has not been withdrawn by the Host Subscriber (or third-party Host), and (2) the Host Subscriber maintains the Shared Network Arrangement.^(1)^

^(1)^This regulation only applies to Customers purchasing Shared Network Arrangement after 05/26/06.
5. Ordering Regulations (Cont'd)

5.6 Service-Specific Ordering Information (Cont'd)

5.6.5 Shared Network Arrangement (Cont'd)

(B) Disconnects and Modifications of the Shared Network Arrangement

The Host Subscriber of the Shared Network Arrangement can disconnect or modify (groom) the Shared Network Arrangement by following the steps outlined in 5.6.15(B)(1), below.

(1) Disconnects of SNA

The Host Subscriber can disconnect the Shared Network Arrangement and the Special Access Services under Shared Network Arrangement, but only if the following requirements are met:

(a) Written notification is provided to all Service Users (including Cascading Service Users) at least 30 days prior to the Host Subscriber issuing the Access Service Request for the disconnection of service; and

(b) The Telephone Company has been provided a copy of all Service User notifications.

The Service User (including a Cascading Service User) shall submit a request to disconnect their Special Access Service in accordance with the Host Subscriber’s (or third-party Host’s) written notification. However, if any Service User does not submit a request to disconnect their Special Access Service under the Shared Network Arrangement within 30 days of receiving such notification, the Service User grants the Host Subscriber the right to disconnect the Service User’s Special Access Service in accordance with the written notification, and the Telephone Company will have no liability to the Service User as a result of such disconnection. Billing for services and facilities will continue until a disconnect request(s) for the Special Access Services has been processed by the Telephone Company.

(1) This regulation only applies to Customers purchasing Shared Network Arrangement after 05/26/06.
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5. Ordering Regulations (Cont'd)

5.6 Service-Specific Ordering Information (Cont'd)

5.6.5 Shared Network Arrangement (Cont'd)

(B) Disconnects and Modifications of the Shared Network Arrangement(1)
(Cont'd)

(1) Disconnects of SNA (Cont'd)

The Service User (including a Cascading Service User) is responsible for any applicable early termination fees associated with the disconnection of its Special Access Service under the discontinued Shared Network Arrangement.

(2) Grooming Special Access Service under SNA

The Host Subscriber can modify (groom) Special Access Services under a SNA, but only if the following requirements are met:

(a) Written notification is provided to all Service Users (including a Cascading Service User) 30 days prior to issuing the Access Service Request for the modification; and

(b) The Telephone Company is provided a copy of all Service User notifications.

The Service User (including a Cascading Service User) shall submit a request to modify (groom) its Special Access Service in accordance with the Host Subscriber's written notification. However, if any Service User does not submit a request to groom their Special Access Service under the Shared Network Arrangement within 30 days of receiving such notification, the Service User grants the Host Subscriber the right to issue the order for the grooming in accordance with the written notification, and the Telephone Company will have no liability to the Service User as a result of such orders. The Service User will be responsible for all Telephone Company fees and charges, including changes to the Service User's recurring charges resulting from the Host Subscriber's modification to the Shared Network Arrangement.

(1) This regulation only applies to Customers purchasing Shared Network Arrangement after 05/26/06.
5. **Ordering Regulations (Cont'd)**

5.6 **Service-Specific Ordering Information (Cont'd)**

5.6.6 **Access Advantage Plus (AA+) Transport Service**

The AA+ Transport Service customer is responsible for channel assignments, which includes the following obligations:

(A) Specify the DS0 channel assignments to connect AA+ Transport Service via Multiplexer Cross-Connections to the DS0 channels derived from other multiplexed high capacity service arrangements.

(B) Designate the consecutive DS0 channel assignments for the Bonded Channel Group configurations reflected in 25.1.2(B).

(C) Identify the DS0 channel assignments when rearranging or adding Multiplexer Cross-Connections associated with an existing AA+ Transport Service.
5. **Ordering Regulations (Cont'd)**

5.7 **Selection of Facilities for Access Orders**

When a customer places an Access Order, it may choose to utilize Special Access facilities previously purchased to a Hub. If the customer has a high capacity interface for use with Switched Access Service DS1 or DS3, or has a Special Access Service facility purchased to a Hub, the customer must request that specific channels be used to implement the Access Order for all Direct-Trunked Transport and Entrance Facilities.

For all other Access Orders, the option to request a specific transmission path or channel is not provided except as provided for under Special Facilities Routing as set forth in Section 11. following.
5. Ordering Regulations (Cont'd)

5.8 Provision of Other Services

(A) Testing Service, Additional Labor, Telecommunications Service Priority (TSP) and Special Facilities Routing shall be ordered with an Access Order or as set forth in B. following. The rates and charges for these services, as set forth in other sections of this Guide, will apply in addition to the ordering charges set forth in this section and the rates and charges for the Access Service with which they are associated.

(B) With the agreement of the Telephone Company, the items listed in (A) preceding may subsequently be added to the order at any time, up to and including the service date for the Access Service. When added subsequently, charges for a design change as set forth in 5.4 preceding will apply when an engineering review is required.

(C) Additional Engineering is not an ordering option, but will be applied to an Access Order when the Telephone Company determines that Additional Engineering is necessary to accommodate a customer request. Additional Engineering will only be required as set forth in 8. following. When it is required, the customer will be so notified and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the customer agrees to the Additional Engineering, a firm order will be established. If the customer does not want the service or facilities after being notified that Additional Engineering of the Telephone Company facilities is required, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

The regulations, rates and charges for Additional Engineering are as set forth in 8. following and are in addition to the regulations, rates and charges specified in this section.
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6. RESERVED
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7. Special Access Service

7.1 General

Special Access Service provides a channel, or transmission path, to connect two or more customer premises\(^{(1)}\) or to connect a customer premises to a Wide Area Telephone Service (WATS) serving office or Telephone Company location where multiplexing functions are performed.

7.2 Service Types

For purposes of ordering, Special Access Services have been categorized by type. The categories are not intended to limit a customer's use of a service, nor to imply that a service is limited to a particular use, e.g., if a customer's equipment is capable of transmitting voice over a Metallic Service, there is no restriction against such use\(^{(2)}\).

The various types of Special Access Services can be further differentiated according to technical parameters which define the technical characteristics of each service. Customers can order Special Access Services in accordance with predefined technical specifications packages which are described in the appropriate technical reference publication(s) for the service ordered. In addition, customers may request a custom technical specifications package in association with certain services to meet specific transmission requirements. The Telephone Company will provide customer packages subject to technical feasibility and compatibility. Additional Engineering Charges, as set forth in Sec. 8, may be required in association with a request for such services.

---

\(^{(1)}\) For the purpose of administering the rates and regulations associated with the provision of Special Access Service, Telephone Company Centrex CO-like Switches, and Telephone Company Answering Service Concentrators are considered to be customer premises.

\(^{(2)}\) A customer may use a service in any privately beneficial manner. Upon request, the Telephone Company will arrange service under this Guide such that the customer can select different types of transmission at different times, which is referred to Alternate Use. Rates, charges and regulations for such arrangements will be handled on an individual case basis under Section 12 and will apply in addition to those for the service(s) ordered.
7. Special Access Service (Cont'd)

7.3 Special Access Service Configuration and Arrangements

7.3.1 Two-Point Service

A two-point Special Access Service connects:

(A) two customer premises;

(B) a customer premises and a Telephone Company Hub location where bridging and/or multiplexing functions are performed; or

(C) a customer premises and a WATS Serving Office, either on a directly connected basis or through a Hub.

Example:

Legend: CM - Channel Mileage  CT - Channel Termination
CP - Customer Premises  SWC - Serving Wire Center
7. Special Access Service (Cont'd)

7.3 Special Access Service Configuration and Arrangements (Cont'd)

7.3.2 Multipoint Service

A customer has the option of ordering certain Special Access services, as designated in separate subsections which follow, to a bridging location to connect three or more customer premises in a multipoint arrangement. When ordering bridging, the customer must specify the desired bridging location(s), as set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

When Hubs are involved, mileage is computed and rates are applied separately for each section of the Channel Mileage. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing, e.g., the Telephone Company routes a service via a Hub location for test access purposes, rates will be applied only to the distance calculated between the SWCs associated with the customer premises.

Channels are connected to a bridging arrangement through what is referred to as a port. A channel between bridging locations is referred to as a mid-link. Although there is no limitation on the number of mid-links available with multipoint service, when more than three mid-links are provided in tandem, the quality of the service may be degraded.

Example:

![Diagram of Multipoint Service](image)

Legend: □ - Bridging Function  
CT - Channel Termination  
CM - Channel Mileage  
ML - Mid-link  
CP - Customer Premises  
SWC - Serving Wire Center

In this example, rates for four channel terminations, five sections of channel mileage and six bridging ports would apply.
7. **Special Access Service** (Cont'd)

7.3 **Special Access Service Configuration and Arrangements** (Cont'd)

7.3.3 **Video and Program Audio Hubs**

The Telephone Company will designate certain Telephone Company locations as Program Audio and Video Hubs. A customer may order service(s) between customer premises and such Hubs, as set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. At the request of the customer, these services may be connected together at the Hub location to form an end-to-end service between customer premises.

7.3.4 **Central Office Multiplexing**

A customer has the option of ordering certain Special Access services to a Telephone Company multiplexing location to derive individual lower capacity channels. Descriptions of the types of multiplexing available and the number of individual channels which may be derived from each type of service may be found in separate subsections which follow. When ordering multiplexing, the customer must specify the desired multiplexing location(s), as set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. Billing for the higher capacity service to the multiplexing location and the multiplexing function commences on the date specified by the customer on the Access Order.
7. Special Access Service (Cont'd)

7.3 Special Access Service Configuration and Arrangements (Cont'd)

7.3.4 Central Office Multiplexing (Cont'd)

(A) Derived Channel Activation

Channels derived from multiplexing a higher capacity service may be utilized to provide end-to-end services. The customer activates and/or extends the derived channels by placing an order which includes the individual connecting facility assignment associated with the higher capacity service for each end-to-end service. Such services may be installed initially, or they may be ordered and installed at a later date, at the option of the customer. As individual lower capacity services are installed, rates and charges will be billed. At the option of the customer, these services may include optional features and functions.

Example:

```
Multiplexing Location
(DS1 to VG)

CP    SWC    SWC    CP
VG CT  VG CM  DS1 CM  DS1 CT

Voice Grade Service
Rates Apply as Activated

DS1 Service
Rates Apply
```

Legend:

- CM - Channel Mileage
- CP - Customer Premises
- CT - Channel Termination
- SWC - Serving Wire Center
- DS1 - 1.544 Mbps High Capacity
7. **Special Access Service** (Cont'd)

7.3 **Special Access Service Configuration and Arrangements** (Cont'd)

7.3.4 **Central Office Multiplexing** (Cont'd)

(B) **Cascade Multiplexing**

When a derived channel of a High Capacity Service is itself multiplexed to derive additional channels with a lesser capacity, this is referred to as cascade multiplexing. When cascading is ordered, a charge for the additional multiplexing function applies. When cascade multiplexing is performed at a different multiplexing location, as depicted in the example which follows, Channel Mileage charges apply between the multiplexing locations.

Example:

<table>
<thead>
<tr>
<th>Multiplexing Location (DS3 to DS1)</th>
<th>Multiplexing Location (DS1 to VG)</th>
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<tr>
<td>CP</td>
<td>SWC</td>
</tr>
<tr>
<td>DS3 CT</td>
<td>DS3 CM</td>
</tr>
<tr>
<td>DG CM</td>
<td>DS1 CM</td>
</tr>
<tr>
<td>CP</td>
<td>VG CT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VG Transmitted as 1 of 672 Channels</th>
<th>VG Transmitted as 1 of 24 Channels</th>
<th>1 Channel</th>
</tr>
</thead>
</table>

Legend:

- CM - Channel Mileage
- CP - Customer Premises
- CT - Channel Termination
- VG - Voice Grade Service
- DS3 - 44.736 Mbps High Capacity
- DS1 - 1.544 Mbps High Capacity
- SWC - Serving Wire Center
7. **Special Access Service** (Cont'd)

7.3 **Special Access Service Configuration and Arrangements** (Cont'd)

7.3.4 **Central Office Multiplexing** (Cont'd)

(C) **Shared Use (Derived Channels Used for Switched and Special Access)**

Shared Use refers to a rate application applicable only when the customer orders Special Access High Capacity facilities between a customer designated premises and a Telephone Company Hub where the Telephone Company performs multiplexing/demultiplexing functions and the same customer then orders the derived circuits as Switched Access Service. The Network Reconfiguration Service (NRS) is not available for shared use services.

The facility will be ordered, provided and rated as High Capacity Service (i.e., Channel Termination, Channel Mileage, as appropriate, and Multiplexing) between the customer designated premises and the Telephone Company Hub. The nonrecurring charge that applies when the Shared Use facility is installed will be the nonrecurring charge associated with the appropriate Special Access High Capacity Channel Termination.

As each individual circuit is activated for Switched Access Service, the Special Access High Capacity Channel Termination, Channel Mileage and Multiplexer or SNET SONET Network Service* rates will be reduced accordingly (e.g., for Voice Grade capacity of Switched Access Service 1/24th of a DS1 service, 1/672nd of a DS3 service, etc). Switched Access Service rates and charges, as set forth in Section 6, preceding, will apply for each circuit of the Shared Use facility that is used to provide a Switched Access Service. The Switched Access rates on the Shared Use facility to the multiplexer will be at the capacity of the Special Access facility but adjusted for the number of channels for Switched Access including the multiplexer. From the multiplexer, the Switched Access rates apply.
7. **Special Access Service** (Cont'd)

7.3 **Special Access Service Configuration and Arrangements** (Cont'd)

7.3.4 **Central Office Multiplexing** (Cont'd)

(C) **Shared Use (Derived Channels Used for Switched and Special Access)** (Cont'd)

The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the circuit assignment for each such service.

When Special Access Service is provided utilizing a circuit of the Shared Use Facility to a Hub, High Capacity rates and charges will apply for the facility to the Hub as set forth preceding, and individual service rates and charges will apply from the Hub to the customer designated premises. The rates and charges that will apply to the portion from the Hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, etc.). The applicable rates and charges will include Channel Termination and Channel Mileage rates and charges, if applicable. Rates and charges for optional features and functions associated with the service, if any, will apply for the appropriate circuit type.
7. **Special Access Service** (Cont’d)

7.4 **Special Access Service Rate Categories**

The following rate categories apply to Special Access Services:

This section contains the specific regulations governing the rates and charges that apply for Special Access Service.

Effective November 16, 2017, Competitive Counties and Non-Competitive Counties have been established and are defined in Section 2.13 and the wire centers within such counties are listed in Section 23.1.3 and 23.1.4.

For all rate elements other than End User channel terminations and their applicable optional features, price flex rates and charges, as provided in this Guide, apply, regardless of whether the county is Competitive or Non-Competitive.

For End User channel termination and their applicable optional features*, the application of “price cap” or “price flex” is dependent upon whether or not the serving wire center is location in a Competitive County. If the End User channel termination is in a Competitive County, price flex rates and charges apply, as provided in this Guide. If the End User channel termination is in a Non-Competitive County, price cap rates and charge apply, as provided in Section 7 of FCC Tariff No. 11.

7.4.1 **Standard Channel Termination**

A Standard Channel Termination provides for the transmission facilities between a customer premises and the serving wire center of that premises. One Channel Termination charge applies per customer premises at which the Special Access Service is terminated. This charge applies even if the customer premises and the serving wire center are colocated in a Telephone Company building, e.g., Centrex CO type switch.

A Standard Channel Termination includes a standard network channel interface arrangement based on the technical characteristics of the Telephone Company facilities at the point of termination and the type of signaling capability, which, if required, is provided as an optional feature.

The Standard Channel Termination rate will apply for all Telephone Company Access Connections except High Capacity Services utilizing an Expanded Interconnection Arrangement. A Standard Channel Termination monthly rate will apply even when the customer designated premises and the serving wire center are located in the same Telephone Company building unless the customer establishes an Expanded Interconnection Arrangement, in which case the Cross-Connect Termination monthly rate will apply as specified in Section 18 following.
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7. Special Access Service (Cont'd)

7.4 Special Access Service Rate Categories

The following rate categories apply to Special Access Services:

7.4.2 Channel Mileage

Channel Mileage provides for the transmission facilities between:

(A) the serving wire centers (SWCs) associated with two customer premises;

(B) a SWC associated with a customer premises and a Telephone Company Hub location;

(C) a SWC associated with a customer premises and a WATS serving office;

(D) two Telephone Company Hub locations.

Channel Mileage rates apply according to mileage bands, with two monthly rates applying for each band, i.e., a fixed (flat) rate plus a per mile rate.

Material on this page previously appeared on Page 7-9.
7. **Special Access Service** (Cont'd)

7.4 **Special Access Service Rate Categories** (Cont'd)

7.4.2.1 **Collocation Transport**

Collocation Transport provides for the transmission facilities between collocation arrangements located in Telephone Company Central Offices.

There are two components of Collocation Transport.

(1) **Inter/Intra Office Fixed**

Inter/Intra office fixed rate element provides for the electronic equipment required to terminate a channel between two collocation arrangements located either in the same central office (intra) or in two separate central offices (inter).

When the DS1 Intra Office Fixed channel is ordered between two collocation arrangements that are for the same collocator, it will be provisioned as a temporary arrangement and will be in service until the collocator's own facilities are installed, not to exceed 150 days. There is no additional charge to disconnect these temporary facilities.

(2) **Inter Office Per Mile**

The Per Mile charge provides for the electronic equipment and facilities necessary to provide the interoffice transport between two collocation arrangements.

7.4.3 **Optional Features and Functions**

Optional features and functions may be ordered to improve the quality or utility of a Special Access Service to meet specific communications requirements. These features and functions are not necessarily identifiable with specific equipment; rather, they represent the overall performance characteristics which may be obtained using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations on the facility, each optional feature and/or function is charged for as a single rate element.
7. Special Access Service (Cont'd)

7.4 Special Access Service Rate Categories (Cont'd)

7.4.4 Special Access Surcharge

The Special Access Surcharge compensates the Telephone Company for use of the local exchange network when Special Access Service is connected to a PBX or equivalent device which is capable of interconnecting the Special Access Service with Telephone Exchange Service.

The Telephone Company will automatically bill the surcharge to the customer who orders each Special Access Service, regardless of whether the interconnection capability exists in the customer's equipment or in a Centrex CO type switch, unless written certification is received from the customer certifying exemption status as set forth following.

(A) Surcharge Exemptions

A Special Access Service will be exempt from the surcharge if the customer provides the Telephone Company written certification that the Special Access Service termination is in one of the following categories:

(1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-type ONALS;

(2) an analog channel termination that is used for radio or television transmission;

(3) a termination used for TELEX service;

(4) a termination that, by the characteristics of its operating nature, could not make use of Telephone Exchange Service;

(5) a termination that interconnects, either directly or indirectly, to the local exchange network where the usage is subject to Carrier Common Line charges, e.g., the Special Access Service accesses only FGA and no local exchange lines, or Special Access Service between customer points of termination or Special Access Service connecting CCSA or CCSA-type equipment (inter-machine trunks); or

(6) a termination that the customer certifies is not connected to a PBX or other device capable of interconnecting the Special Access Service to Telephone Exchange Service.
7. **Special Access Service** (Cont'd)

7.4 **Special Access Service Rate Categories** (Cont'd)

7.4.4 **Special Access Surcharge** (Cont'd)

**(B) Surcharge Exemption Certification**

Special Access Services which are terminated as set forth in A. preceding will be exempt from the Surcharge if the customer provides the Telephone Company with a written notification certifying exemption. Such notification shall be provided by the customer (1) at the time the Special Access Service is provided; (2) at such time as the Special Access Service is reterminated in a device not capable of interconnecting to Telephone Exchange Service or (3) at such time as the Special Access Service becomes associated with a Switched Access Service that is subject to Carrier Common Line charges.

If written certification is not received at the time Special Access Service is provided, the surcharge will be applied. Subsequent exemption status will become effective on the certification date indicated by the customer, subject to the regulations in (C) following.

The written certification (1) is to be provided by the customer ordering the service; (2) must be signed by the customer or authorized representative; and (3) must include the category of exemption and the date which the exemption is effective for each termination.

The customer shall also notify the Telephone Company when a Special Access Service with a surcharge exemption is changed or reterminated in such a manner that the exemption is no longer applicable.

**(C) Crediting the Surcharge**

The Telephone Company will cease billing the Surcharge subject to the receipt of exemption certification. If the status of a Special Access Service was changed prior to the date the exemption certification was received, the Telephone Company will credit the customer's account. Such credit will not exceed ninety (90) days based on the effective date of the change specified in the customer's written certification.
7. Special Access Service (Cont'd)

7.4 Special Access Service Rate Categories (Cont'd)

7.4.4 Special Access Surcharge (Cont'd)
7. **Special Access Service (Cont'd)**

7.5 **Special Access Service Description Summaries**

There are two sets of identifying codes associated with each service type:

(A) a three or four position alpha/numeric code set referred to as a Service Designator (SD) and

(B) a four position code set referred to as a Network Channel (NC) Code. The first two alpha characters are directly related to the Service Designator code, while the remaining positions refer to optional features.

A brief description of each Special Access Service type is set forth in the following table. More detailed information regarding these services may be found in separate subsections which follow and in the appropriate technical reference publication(s) for the service ordered.

<table>
<thead>
<tr>
<th>Service Type</th>
<th>SDs/NCs</th>
<th>Description</th>
<th>Technical Reference Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice Grade</td>
<td>VG1/LB</td>
<td>A channel for the transmission of analog signals in the nominal frequency range of 300 to 3000 hz.</td>
<td>TR-TSY-000335, PUB 41004, Table 4</td>
</tr>
<tr>
<td></td>
<td>VG8/LJ</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VG2/LC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VG9/LK</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VG3/LD</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VG10/LN</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VG4/LE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VG11/LP</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VG5/LF</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VG12/LR</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VG6/LG</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VGC/LQ</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VG7/LH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WATS Access Line</td>
<td>WAL/SE</td>
<td>A channel for the transmission of analog signals in the nominal frequency range of 300 to 3000 Hz between a customer premises and a WATS serving office for 800 service, WATS, or similar services.</td>
<td>TR-NWT-000334</td>
</tr>
<tr>
<td></td>
<td>WAL/SF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program Audio</td>
<td>AP1/PE</td>
<td>A channel for the transmission of complex audio signals suitable for broadcast. The nominal frequency bandwidths are from:</td>
<td>TR-NPL-000337</td>
</tr>
<tr>
<td></td>
<td>AP2/PF</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AP3/PJ</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AP4/PK</td>
<td>- 200 to 3500 Hz (AP1)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>APC/PQ</td>
<td>- 100 to 5000 Hz (AP2)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- 50 to 8000 Hz (AP3)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- 50 to 15000 Hz (AP4)</td>
<td></td>
</tr>
</tbody>
</table>
## ACCESS SERVICE

### 7. Special Access Service (Cont’d)

#### 7.5 Special Access Service Description Summaries (Cont’d)

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Description</th>
<th>Technical Reference</th>
<th>Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Video</strong></td>
<td>A channel for the transmission of a standard 525 line/60 field monochrome or National Television Systems</td>
<td>TR-TSV-000338</td>
<td></td>
</tr>
<tr>
<td>TV1/TV</td>
<td>Committee signal and one to four associated 5, 15, or 20 kHz audio signals.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TV2/TW</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TVC/TQ</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Digital Data</strong></td>
<td>A channel for the digital transmission of synchronous serial data at bit rates of:</td>
<td>TR-NPL-000341</td>
<td></td>
</tr>
<tr>
<td>DA1/XA</td>
<td>2.4 kbps (DA1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DA2/XB</td>
<td>4.8 kbps (DA2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DA3/XG</td>
<td>9.6 kbps (DA3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DA4/XH</td>
<td>56.0 kbps (DA4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DA6/XD</td>
<td>64.0 kbps (DA6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>High Capacity</strong></td>
<td>A channel for the transmission of isochronous serial data at bit rates of:</td>
<td>PUB 62411</td>
<td>GR-342-CORE</td>
</tr>
<tr>
<td>HC1/HC</td>
<td>- 1.544 Mbps – 24 equivalent voice grade channels (HC1, also referred to as DS1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HC1C/HD</td>
<td>- 3.152 Mbps – equivalent to two DS1 channels (HC1C, also referred to as DS1C)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HC2/HE</td>
<td>- 6.312 Mbps – equivalent to four DS1 channels (HC2, also referred to as DS2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HC3/HF</td>
<td>- 44.736 Mbps – equivalent to 28 DS1 channels</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ACCESS SERVICE

7. Special Access Service (Cont’d)

7.6 Special Access Service Network Channel Interface (NCI) Code Information

7.6.1 General

When ordering service, the customer must specify network channel interface (NCI) codes which relate to the desired electrical interface characteristics of a Special Access Service at the points of termination. The NCI codes which are available at the point of termination are set forth according to service type in separate subsections which follow.

An NCI code may occupy up to a maximum of twelve filed positions, including periods which are used as delimiters. Depending on the type of service, an NCI code may contain up to five components, as shown in the following example and narrative:

<table>
<thead>
<tr>
<th>04</th>
<th>GS</th>
<th>2</th>
<th>C</th>
<th>ZA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
</tbody>
</table>

A - **Wires**

two digits which indicate the number of physical conductors which traverse the point of termination, e.g. "04" signifies four-wire;

B - **Signaling**

two alpha characters which identify the signaling and/or transmission characteristics of the interface, e.g., "GS" specifies a Voice Grade Service with ground start loop signaling;

C - **Impedance**
a single digit entry which specifies the nominal reference impedance with which the service will be terminated for the purpose of evaluating transmission performance, e.g., "2" signifies 600 ohms;

D - **Options**

up to three alpha/numeric characters which provide a more specific definition of the technical capability of a specific interface, e.g., a "C", combined with the "GS" preceding indicates a Centrex Foreign Exchange termination; and

E - **Levels**

for certain services, alpha/numeric positions are used to indicate transmit and receive transmission level information, e.g., "Z" indicates that the signal level received at the point of termination from the Telephone Company will be +7.0 dB; and "A" indicates that the signal level to be transmitted to the Telephone Company will be -16.0 dB.
7. Special Access Service (Cont'd)

7.6 Special Access Service Network Channel Interface (NCI) Code Information (Cont'd)

7.6.2 Network Channel Interface Code Translation Information

A summary of the information required to translate NCI codes is included, by service type, in separate subsections which follow, with the exception of the following transmission level information which is common to more than one service:

<table>
<thead>
<tr>
<th>Code Level</th>
<th>Code Level</th>
<th>Code Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>-16 dB</td>
<td>X</td>
</tr>
<tr>
<td>B</td>
<td>-15</td>
<td>L</td>
</tr>
<tr>
<td>C</td>
<td>-14</td>
<td>M</td>
</tr>
<tr>
<td>D</td>
<td>-13</td>
<td>N</td>
</tr>
<tr>
<td>E</td>
<td>-12</td>
<td>P</td>
</tr>
<tr>
<td>F</td>
<td>-11</td>
<td>Q</td>
</tr>
<tr>
<td>G</td>
<td>-10</td>
<td>R</td>
</tr>
<tr>
<td>H</td>
<td>-9</td>
<td>S</td>
</tr>
<tr>
<td>J</td>
<td>-8</td>
<td>T</td>
</tr>
<tr>
<td>K</td>
<td>-7</td>
<td>U</td>
</tr>
</tbody>
</table>

- X +5 dB
- L -6 dB
- M -5 dB
- N -4 dB
- P -3 dB
- Q -2 dB
- R -1 dB
- S 0.0 dB
- T +1 dB
- U +2 dB
- W +4 dB

Blank Use recommended value shown

- Blank Use recommended value shown
- Blank Use recommended value shown
- Blank Use recommended value shown
- Blank Use recommended value shown

Fractional levels

one-way service

No transmission in this direction

the technical reference manual
7. **Special Access Service** (Cont’d)

7.6 **Special Access Service Network Channel Interface (NCI) Code Information** (Cont’d)

7.6.3 **Compatibility**

The NCI codes specified for the two ends of a Special Access Service may be different or the same. Furthermore, due to the use of optional central office multiplexing, a Special Access Service may have the NCI code of one service, e.g. Voice Grade, at one point of termination and the NCI code of another service, e.g. DS1 High Capacity, at the other (secondary) point of termination.

Example:

```
CP  SWC  Hub Location  SWC  CP
<table>
<thead>
<tr>
<th>Voice Grade Service</th>
<th>DS1 High Capacity Service</th>
</tr>
</thead>
</table>
```

Legend:
- CP - Customer Premises
- SWC - Serving Wire Center
- M - Multiplexing Function

Only certain NCI code combinations are technically compatible. NCI code compatibility information is set forth in the appropriate technical reference publication(s) for the service ordered.
7. **Special Access Service** (Cont’d)

7.9 **Voice Grade Special Access Service**

7.9.1 **Basic Service Description**

Voice Grade Service provides a channel for the transmission of analog signals in the nominal frequency range of 300 to 3000 Hz.

Voice Grade Service is provided between customer premises or between a customer premises and a Telephone Company Hub location.

7.9.2 **Technical Information**

Voice Grade Service is available in accordance with twelve technical specifications packages. Custom packages may also be specified.

Voice Grade Service may be terminated at a customer premises on either a two-wire or four-wire basis, as set forth in the following table. When a customer requests that a four-wire channel termination be terminated with a two-wire channel interface, a four-wire to two-wire conversion is required and is included in the basic Channel Termination rate.

<table>
<thead>
<tr>
<th>Service Designator</th>
<th>Network Channel Code</th>
<th>Customer Premises Termination</th>
</tr>
</thead>
<tbody>
<tr>
<td>VG1</td>
<td>LB</td>
<td>A</td>
</tr>
<tr>
<td>VG2</td>
<td>LC</td>
<td>A</td>
</tr>
<tr>
<td>VG3</td>
<td>LD</td>
<td>A</td>
</tr>
<tr>
<td>VG4</td>
<td>LE</td>
<td>A</td>
</tr>
<tr>
<td>VG5</td>
<td>LF</td>
<td>A</td>
</tr>
<tr>
<td>VG6</td>
<td>LG</td>
<td>A</td>
</tr>
<tr>
<td>VG7</td>
<td>LH</td>
<td>A</td>
</tr>
<tr>
<td>VG8</td>
<td>LJ</td>
<td>A</td>
</tr>
<tr>
<td>VG9</td>
<td>LK</td>
<td>A</td>
</tr>
<tr>
<td>VG10</td>
<td>LN</td>
<td>A</td>
</tr>
<tr>
<td>VG11</td>
<td>LP</td>
<td>A</td>
</tr>
<tr>
<td>VG12</td>
<td>LR</td>
<td>A</td>
</tr>
<tr>
<td>VGC</td>
<td>LQ</td>
<td>A</td>
</tr>
</tbody>
</table>


7. **Special Access Service** (Cont'd)

7.9 **Voice Grade Special Access Service** (Cont’d)

7.9.2 **Technical Information** (Cont’d)

Voice Grade Service shall be ordered with the options desired with network channel interface (NCI) codes, as shown below, at the point of termination.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>02AB2</td>
<td>02AB3</td>
<td>04AB2</td>
<td>04AB3</td>
<td>02AC2</td>
<td>04AC2</td>
</tr>
<tr>
<td>02CT3</td>
<td>04CT2</td>
<td>02DA2</td>
<td>04DA2</td>
<td>06DA2</td>
<td>02DB2</td>
</tr>
<tr>
<td>04DB2</td>
<td>04DD3</td>
<td>02DE2</td>
<td>04DE2</td>
<td>04DX2</td>
<td>04DX3</td>
</tr>
<tr>
<td>06DX2</td>
<td>02DY2</td>
<td>04DY2</td>
<td>06DY2</td>
<td>06DY3</td>
<td>09DY2</td>
</tr>
<tr>
<td>09DY3</td>
<td>04EA2</td>
<td>04EA3</td>
<td>06EA2</td>
<td>09EA2</td>
<td>09EA3</td>
</tr>
<tr>
<td>06EB2</td>
<td>08EB2</td>
<td>08EC2</td>
<td>06EX2</td>
<td>02G02</td>
<td>02G03</td>
</tr>
<tr>
<td>04GO2</td>
<td>04GO3</td>
<td>06GO2</td>
<td>02GS2</td>
<td>02GS3</td>
<td>02GS3</td>
</tr>
<tr>
<td>04GS2</td>
<td>04GS3</td>
<td>06GS2</td>
<td>02LA2</td>
<td>02LB2</td>
<td>02LC2</td>
</tr>
<tr>
<td>02LR2</td>
<td>02LR3</td>
<td>04LR2</td>
<td>04LR3</td>
<td>02LS2</td>
<td>02LS3</td>
</tr>
<tr>
<td>04LS2</td>
<td>04LS3</td>
<td>06LS2</td>
<td>02NO2</td>
<td>04NO2</td>
<td>02PR2</td>
</tr>
<tr>
<td>04PR2</td>
<td>02RV2</td>
<td>04RV2</td>
<td>04SF2</td>
<td>04SF3</td>
<td>02TF2</td>
</tr>
<tr>
<td>02TF3</td>
<td>04TF2</td>
<td>04CS9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In addition, NCI codes 06EB3-E and 04RV3-T may be ordered. Furthermore, due to the use of optional multiplexing at a central office or a Hub location, a service may have a Voice Grade NCI code at one customer premises and a Wideband Analog (code AH) or a High Capacity Digital (code DS) NCI code at the other.

The Voice Grade Service NCI code translation information follows:

<table>
<thead>
<tr>
<th>Wires</th>
<th>Impedance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>No.</td>
</tr>
<tr>
<td>02</td>
<td>2</td>
</tr>
<tr>
<td>04</td>
<td>4</td>
</tr>
<tr>
<td>06</td>
<td>6</td>
</tr>
<tr>
<td>08</td>
<td>8</td>
</tr>
<tr>
<td>09</td>
<td>9</td>
</tr>
</tbody>
</table>

Note: The following NCI codes require signaling capability:

AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF
7. **Special Access Service** (Cont’d)

7.9 **Voice Grade Special Access Service** (Cont’d)

7.9.2 **Technical Information** (Cont’d)

<table>
<thead>
<tr>
<th>Signaling</th>
<th>Code/Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB</td>
<td>20-Hz ringing signal at customer</td>
<td></td>
</tr>
<tr>
<td>AC</td>
<td>20-Hz ringing signal at customer's customer</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>2 digit code select 10</td>
<td></td>
</tr>
<tr>
<td>CS</td>
<td>Digital hierarchy interface at a central office</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Digital crossconnect (or similar) device</td>
<td></td>
</tr>
<tr>
<td>CT</td>
<td>Centrex tie trunk termination</td>
<td></td>
</tr>
<tr>
<td>DA</td>
<td>Data stream in voice frequency band at customer's customer</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>Sealing current option for 4-wire transmission</td>
<td></td>
</tr>
<tr>
<td>DB</td>
<td>Data stream in voice frequency band at customer</td>
<td></td>
</tr>
<tr>
<td>DX</td>
<td>Duplex signaling at customer X Simplex reversal (4-wire)</td>
<td></td>
</tr>
<tr>
<td>DY</td>
<td>Duplex signaling at customer's customer</td>
<td></td>
</tr>
<tr>
<td>EA</td>
<td>Type I E&amp;M signaling - originates on E lead</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>Type I E&amp;M signaling - originates on M lead</td>
<td></td>
</tr>
<tr>
<td>EB</td>
<td>Type II E&amp;M signaling - originates on E lead</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>Type II E&amp;M signaling - originates on M lead</td>
<td></td>
</tr>
<tr>
<td>EC</td>
<td>Type III E&amp;M signaling - originates on M lead</td>
<td></td>
</tr>
<tr>
<td>EX</td>
<td>Connects signaling functions of tandem signaling equipment - customer supplies open end functions, e.g., dial tone</td>
<td></td>
</tr>
<tr>
<td>EX</td>
<td>Connects signaling functions of tandem signaling equipment - customer supplies closed end functions e.g., dial pulsing</td>
<td></td>
</tr>
<tr>
<td>GO</td>
<td>Ground start loop signaling - customer or customer's customer supplies open end functions</td>
<td></td>
</tr>
<tr>
<td>X</td>
<td>Simplex reversal (4-wire)</td>
<td></td>
</tr>
<tr>
<td>GS</td>
<td>Ground start loop signaling - customer or customer's customer supplies closed end functions</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>Centrex foreign exchange termination</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>Central Office answering service concentrator termination</td>
<td></td>
</tr>
<tr>
<td>X</td>
<td>Simplex reversal (4-Wire)</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** The following NCI codes require signaling capability:

AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF
ACCESS SERVICE

7. Special Access Service (Cont’d)

7.9 Voice Grade Special Access Service (Cont’d)

7.9.2 Technical Information (Cont’d)

<table>
<thead>
<tr>
<th>Code</th>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA</td>
<td></td>
<td>Loop start signaling - Type A registered port, open end</td>
</tr>
<tr>
<td>LB</td>
<td></td>
<td>Loop start signaling - Type B registered port, open end</td>
</tr>
<tr>
<td>LC</td>
<td></td>
<td>Loop start signaling - Type C registered port, open end</td>
</tr>
<tr>
<td>LO</td>
<td></td>
<td>Loop start signaling - open end function by customer or customer's customer</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Simplex reversal (4-wire)</td>
</tr>
<tr>
<td>LR</td>
<td></td>
<td>20 Hz ringdown with Telephone Company provided private line automatic ringdown (PLAR)</td>
</tr>
<tr>
<td>LS</td>
<td></td>
<td>Loop start signaling - closed end function by customer or customer's customer</td>
</tr>
<tr>
<td>M</td>
<td></td>
<td>Central office answering service concentrator termination</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Simplex reversal (4-wire)</td>
</tr>
<tr>
<td>NO</td>
<td></td>
<td>No signaling interface - transmission only</td>
</tr>
<tr>
<td>S</td>
<td></td>
<td>Sealing current (4-wire)</td>
</tr>
<tr>
<td>PR</td>
<td></td>
<td>Protective relaying</td>
</tr>
<tr>
<td>RV</td>
<td></td>
<td>Reverse battery signaling, one-way operation</td>
</tr>
<tr>
<td>O</td>
<td></td>
<td>Customer originates</td>
</tr>
<tr>
<td>T</td>
<td></td>
<td>Customer or customer's customer terminates</td>
</tr>
<tr>
<td>SF</td>
<td></td>
<td>Single-frequency signaling within VF band</td>
</tr>
<tr>
<td>AB</td>
<td></td>
<td>SF to manual ring</td>
</tr>
<tr>
<td>EA</td>
<td></td>
<td>SF to E&amp;M signaling</td>
</tr>
<tr>
<td>GO</td>
<td></td>
<td>SF to loop signaling, ground start, open end</td>
</tr>
<tr>
<td>GS</td>
<td></td>
<td>SF to loop signaling, ground start, closed end</td>
</tr>
<tr>
<td>LO</td>
<td></td>
<td>SF to loop signaling, loop start, open end</td>
</tr>
<tr>
<td>LS</td>
<td></td>
<td>SF to loop signaling, loop start, closed end</td>
</tr>
<tr>
<td>LR</td>
<td></td>
<td>SF to automatic ring</td>
</tr>
<tr>
<td>TF</td>
<td></td>
<td>Telephoto interface</td>
</tr>
</tbody>
</table>

Note: The following NCI codes require signaling capability:

AB, AC, CT, DX, DY, EA, EB, EC, EX, GO,
GS, LA, LB, LC, LO, LR, LS, RV and SF

The Voice Grade Service technical specifications, transmission parameters, and compatible NCI codes are set forth in Technical References TR-TSY-000335 and PUB 41004.
7. Special Access Service (Cont'd)

7.9 Voice Grade Special Access Service (Cont'd)

7.9.3 Optional Features and Functions

(A) Transmission Enhancement Options

C Conditioning - Provides for the additional control of both attenuation distortion and envelope delay distortion.

Improved Attenuation Distortion - Improved attenuation distortion is provided for additional control of attenuation distortion. The improved attenuation distortion specifications are:

<table>
<thead>
<tr>
<th>Frequency Variation Range (Hz)</th>
<th>Attenuation Distortion (Frequency Response) Relative to 1004 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>404-2804</td>
<td>-1.0 to +2.0</td>
</tr>
<tr>
<td>304-3004</td>
<td>-1.0 to +3.0</td>
</tr>
<tr>
<td>304-3204</td>
<td>-2.0 to +6.0</td>
</tr>
</tbody>
</table>

Improved Return Loss (Echo Control) - Improved return loss at a four-wire point of termination provides for improved echo control via an upgraded Equal Level Echo Path Loss (ELEPL). Improved return loss at a two-wire point of termination will provide echo control via an upgraded return loss limit. When this option is ordered, Telephone Company equipment may be required at the customer premises.

Sealing Current Conditioning - Helps maintain continuity on dry metallic loops. Usually associated with four-wire DA or NO NCI codes at the point of termination.

Data Capability - Provides for the control of signal to C-notched noise ratio and intermodulation distortion to provide two-point or multipoint transmission characteristics suitable for data communications. When a service equipped with data capability is used for voice transmission, the quality of the voice transmission may not be satisfactory.

Telephoto Capability - Provides for the control of attenuation distortion and envelope delay distortion to provide transmission characteristics suitable for telephotographic communications.
7. **Special Access Service (Cont'd)**

7.9 **Voice Grade Special Access Service (Cont'd)**

7.9.3 **Optional Features and Functions (Cont'd)**

(B) **Customer Premises Terminating Options**

*Customer Specified Receive Level* - Allows the customer to specify the four-wire receive level at the point of termination within a range.

(C) **Signaling Capability**

Provides the means by which a customer initiates a request for service, holds a connection, or releases a connection. The signaling desired by the customer is specified in the NCI code.

(D) **Selective Signaling Arrangement**

Permits code selective ringing for up to ten stations on a multipoint service.

(E) **Bridging**

Provides the capability of connecting three or more customer premises in a multipoint arrangement at a Telephone Company Hub location on either a two-wire or four-wire basis. The types of bridging available include: Voice, Data, Telephoto, Telemetry and Alarm.

(F) **Transfer Arrangement**

Provides for the transfer of one Voice Grade Service to another spare or working service which terminates at the same or different customer premises. The arrangement may be (1) key activated over a separately rated Metallic Service control channel; or (2) key activated using a Controller Arrangement as set forth in Section 13.

(G)
ACCESS SERVICE

7. Special Access Service (Cont’d)

7.9 Voice Grade Special Access Service (Cont’d)

7.9.3 Optional Features and Functions (Cont’d)

(H) Network Reconfiguration Service (NRS)

An arrangement that provides the customer the ability to control the reconfiguration of their Special Access services (digital or analog) on a near real-time basis by means of the special provisioning of these services through a Digital Crossconnect Device (DCD). NRS can accommodate the termination and reconfiguration of circuits up to the 56.0 Kbps and 1.544 Mbps signal levels. The reconfiguration of services is accomplished at the DSO level. Customer access to the reconfiguration capability is accomplished through a Network Controller and is on the basis of either a local telephone company dial-up or dedicated facility arrangement.

The DCDs are located in specific Telephone Company serving wire centers, and are connected to a centralized Network Controller. Therefore, NRS is available only from selected serving wire centers.

(I) Data Station Termination Unit (DST)

Line powered environmental (weather protected) data unit provides 4 wire interface and remote loopback capability at 2713 Hz. Available on VG6 and VG7.

The following table shows the optional feature and function availability (A) for the Voice Grade Service technical specifications packages.

<table>
<thead>
<tr>
<th></th>
<th>VG1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>VGC</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A) Transmission Enhancements:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- C Conditioning</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>-</td>
<td>-</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Improved Attenuation Distortion</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
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<td>-</td>
<td>-</td>
<td>A</td>
<td></td>
<td></td>
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<tr>
<td>- Improved Return Loss</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>- At four-wire POT</td>
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<td>A</td>
<td>A</td>
<td>A</td>
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<td>A</td>
<td>A</td>
<td>A</td>
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<td>A</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- At two-wire POT</td>
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<td>A</td>
<td>-</td>
<td>-</td>
<td>A</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Sealing Current</td>
<td></td>
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</tr>
<tr>
<td>- C Conditioning</td>
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<td>-</td>
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<td>-</td>
<td>A</td>
<td>-</td>
<td>-</td>
<td>A</td>
<td>A</td>
<td>-</td>
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<td></td>
</tr>
<tr>
<td>- Data Capability</td>
<td>-</td>
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<td>A</td>
<td>A</td>
<td>-</td>
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<td>-</td>
<td>-</td>
<td>-</td>
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<td>A</td>
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</tr>
</tbody>
</table>
7. **Special Access Service** (Cont'd)

7.9 **Voice Grade Special Access Service** (Cont'd)

7.9.3 **Optional Features and Functions** (Cont'd)

<table>
<thead>
<tr>
<th></th>
<th>VG1</th>
<th>2</th>
<th>3</th>
<th>4</th>
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<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>VGC</th>
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<tbody>
<tr>
<td>(B) Customer Premises Terminating Options:</td>
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<tr>
<td>- Customer Specified Receive Level</td>
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<tr>
<td>(C) Signaling Capability</td>
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<tr>
<td>- Loop-Start</td>
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<td>-</td>
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<td>A</td>
<td>-</td>
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<td>-</td>
<td>-</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>- Ground-Start</td>
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<td>-</td>
<td>A</td>
<td>-</td>
<td>-</td>
<td>A</td>
<td>A</td>
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<tr>
<td>- E&amp;M Lead</td>
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<tr>
<td>- Reverse-Battery</td>
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<td>- Duplex</td>
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<tr>
<td>- Single-Frequency</td>
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</tr>
<tr>
<td>- 20-Hz Ringing</td>
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<td>-</td>
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<td>A</td>
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<tr>
<td>(D) Selective Signaling Arrangement</td>
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<td></td>
<td></td>
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</tr>
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<td>(E) Bridging</td>
<td>-</td>
<td>A</td>
<td>-</td>
<td>-</td>
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<tr>
<td>(F) Transfer Arrangement</td>
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<td>A</td>
<td>A</td>
<td>A</td>
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<td>A</td>
</tr>
<tr>
<td>(H) Network Reconfiguration Service</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
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<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>(I) Data Station Termination Unit (DST)</td>
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<td>-</td>
<td>-</td>
<td>A</td>
<td>A</td>
<td>-</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
ACCESS SERVICE

7.  Special Access Service (Cont'd)

7.9  Voice Grade Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Voice Grade Special Access Service (Cont'd)
7. Special Access Service (Cont'd)

7.9 Voice Grade Special Access Service (Cont'd)
7. **Special Access Service** (Cont’d)

7.10 **WATS Access Line Service (WAL Service)**

7.10.1 **Basic Service Description**

WAL Service provides a channel for the transmission of analog signals in the nominal frequency range of 300 to 3000 Hz. WAL Service may be provided using an effective two-wire or four-wire voice grade channel.

The Service is provided between a customer premises and a WATS serving office associated with the closed end of 800 Service, WATS or similar services. WAL Service is provided for use with Feature Group A, B, or D Switched Access Service as set forth in Section 6.

7.10.2 **Technical Information**

At the option of the customer, WAL Service is arranged for either: (1) originating, terminating or two-way calling; (2) dial pulse or dual tone multifrequency address signaling; and (3) loop start or ground start, subject to the technical limitations specified in Technical Reference TR-NWT-000334.

The Network Channel code for WAL Service is either SE (standard transmission) or SF (improved two-wire transmission). WAL Service shall be ordered with the following network channel interface (NCI) codes at the point of termination:

<table>
<thead>
<tr>
<th>WATS Serving Office</th>
<th>Supervisory Signaling</th>
<th>NCI Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loop-Start</td>
<td>02LS2</td>
<td>02LS3</td>
</tr>
<tr>
<td>Ground-Start</td>
<td>02GS2</td>
<td>02GS3-C*</td>
</tr>
</tbody>
</table>

Additional information regarding these NCI codes is set forth under Voice Grade and High Capacity Digital Service.

The technical specifications, transmission parameters and compatible NCI codes for WAL Service are set forth in Technical Reference TR-NWT-000334.
7. Special Access Service (Cont'd)

7.10 WATS Access Line Service (WAL Service) (Cont'd)

7.10.3 Optional Features and Functions

WAL Service is available with the following optional features and functions:

- Signaling Capability, Two-wire and Four-wire Bridging, Improved Two-wire Voice Transmission Specifications

In addition, certain other options associated with WAL Service are set forth in Section 6 under the heading of Switched Access Service End Office Line Termination or Common Switching optional features.
7. **Special Access Service** (Cont’d)

7.11 **Program Audio Special Access Service**

7.11.1 **Basic Service Description**

Program Audio Service provides a channel for the one-way transmission of a complex audio signal suitable for broadcast. The actual frequency bandwidth of the channel is a function of the channel interface selected by the customer.

Program Audio Service is provided between customer premises or between a customer premises and a Telephone Company Hub location.

7.11.2 **Technical Information**

Program Audio Service is available in accordance with the following technical specifications packages:

<table>
<thead>
<tr>
<th>Service Designator</th>
<th>Network Channel Code</th>
<th>Description (bandwidth)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP1</td>
<td>PE</td>
<td>200 to 3500 Hz</td>
</tr>
<tr>
<td>AP2</td>
<td>PF</td>
<td>100 to 5000 Hz</td>
</tr>
<tr>
<td>AP3</td>
<td>PJ</td>
<td>50 to 8000 Hz</td>
</tr>
<tr>
<td>AP4</td>
<td>PK</td>
<td>50 to 15000 Hz</td>
</tr>
<tr>
<td>APC</td>
<td>PQ</td>
<td>Custom Packages</td>
</tr>
</tbody>
</table>
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 Program Audio Special Access Service (Cont'd)

7.11.2 Technical Information (Cont'd)

Program Audio Service shall be ordered with the following network channel interface (NCI) codes at the point of termination:

02PG-1  02PG1-3  02PG1-5  02PG1-8  02PG2-1
02PG2-3  02PG2-5  02PG2-8

In addition, due to the use of optional multiplexing at a central office or a Hub location, a service may have a Program Audio NCI code at one customer premises and a Wideband Analog (code AH) or a High Capacity Digital (code DS) NCI code at the other.

The Program Audio Service NCI code translation follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>No. of Wires</th>
<th>Code</th>
<th>Option Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>2</td>
<td>PG</td>
<td>1</td>
<td>Program transmission - no signaling</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>Nominal frequency from 200 to 3500 Hz</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>Nominal frequency from 100 to 5000 Hz</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>8</td>
<td>Nominal frequency from 50 to 8000 Hz</td>
</tr>
</tbody>
</table>

Code  Impedance (ohms)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>150</td>
</tr>
<tr>
<td>2</td>
<td>600</td>
</tr>
</tbody>
</table>

The program Audio Service technical specifications, transmission parameters and compatible NCI codes are set forth in Technical Reference TR-NPL-000337.
7. **Special Access Service** (Cont’d)

7.11 **Program Audio Special Access Service** (Cont’d)

7.11.3 Optional Features and Functions

**Bridging**

Provides for service interconnection using distribution amplifiers at a Telephone Company Hub location.

**Gain Conditioning**

Provides for the control of 1004 Hz Actual Measured Loss at initiation of service to 0 dB + 0.5 dB.

**Stereo**

Provides for gain/phase equalization of two separately ordered Program Audio Services for stereo applications.

The following table shows the optional feature and function availability (A) for the Program Audio Service technical specifications package:

<table>
<thead>
<tr>
<th></th>
<th>AP1</th>
<th>AP2</th>
<th>AP3</th>
<th>AP4</th>
<th>APC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridging</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Gain Conditioning</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Stereo</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A</td>
<td>A</td>
</tr>
</tbody>
</table>
7. Special Access Service (Cont'd)

7.11 Program Audio Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 Program Audio Special Access Service (Cont'd)
Access Service

7. Special Access Service (Cont'd)

7.12 Video Special Access Service

7.12.1 Service Description

(A) Video Service

Video service provides a channel for the one-way transmission of a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and one or more associated 5, 15 or 20 KHz audio signal(s).

Video service is provided between customer premises or between a customer premises and a Telephone Company Hub location.

(1) Broadcast Video

Broadcast Video Service is provided at bandwidths of 30 Hz to 6.6 MHz and 30 Hz to 4.5 MHz, and is provided with one to four associated audio signal(s). At the option of the customer, the associated audio signal(s) may either be combined (diplexed) with the video signal or provided as one to four separate channels at the point of interface.
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Video Special Access Service (Cont'd)

7.12.1 Service Description (Cont'd)

(A) Video Service (Cont'd)

(4) Multichannel Video Service

Multichannel Video Service (MVS) provides one-way transport of standard 525 line/60 field monochrome or National Television Systems Committee (NTSC) color video signals of broadcast quality, and their associated audio signals. MVS provides for the transmission of up to 16 individual 6 MHz, uncompressed digital signals with up to four associated audio channels.

MVS channels are provided over fiber optic facilities for transmission between customer designated premises, or between a customer designated premises and a Telephone Company Hub. Fiber optic facilities associated with MVS are subject to availability between the customer designated premises or Hubs. The Telephone Company will assist the customer in determining if transmission facilities are available, or can be made available, and advise the customer of facility status. Technical specifications are delineated in Technical Publication GR-2904-CORE, Issue 1.

(1) Effective August 25, 2011, MVS is no longer available to new customers. There is no change for existing customers.
7. Special Access Service (Cont'd)

7.12 Video Special Access Service (Cont'd)

7.12.2 Optional Features and Functions

**Video Switching Arrangements**

Video Switching Arrangements allow the customer to switch the connection of their video signals between different end points. The video switch is located in the Telephone Company central office and can be configured to process video connections to and from other channels located on the same or different customer premises. In the case of one-way transmission circuits, one transmit or one receive port of the video switch is required. For two-way transmission circuits, one transmit and one receive port are required. Each customer connected to the video switch is configured for video witching.

The video switch provides customer security within the switch, thereby preventing unauthorized access.

The switch establishes cross connections via a five digit password access code and a standard touchtone telephone located on the customer's premises. Assignment of the switch capability cross connection(s) and the customer's five digit password access code are provided by the Telephone Company. The customer must provide their own standard touchtone telephone and obtain the control circuit from the Telephone Company as a separate service.

Video switching arrangements will be provided at video central office locations specified in N.E.C.A. Tariff F.C.C. No. 4.

**Video Bridging Arrangement**

Video Bridging enables Video Service to be provided in a multipoint configuration.
ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.12 **Video Special Access Service** (Cont'd)

7.12.2 **Optional Features and Functions** (Cont'd)

**MVS WDM Feature**

The MVS WDM Feature provides the capability to transmit or receive two MVS video channels of two different wavelengths over a single fiber.

**MVS Bridging**

MVS Bridging enables the composite MVS channel to be optically split to allow one-way transmission to multiple customer designated premises. Each of the multiple customer premises receives the same composite MVS video channel.

**MVS Repeater**

MVS Repeaters provide for regeneration of MVS video channels, and are required when the distance of the MVS channel is greater than the single system optical power budget.
### ACCESS SERVICE

7. Special Access Service (Cont’d)

7.12 Video Special Access Service (Cont’d)

7.12.3 Technical Information

Video Services are available in accordance with the following technical specifications packages:

<table>
<thead>
<tr>
<th>Service Designator</th>
<th>Network Channel</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV1</td>
<td>TV</td>
<td>Broadcast quality</td>
</tr>
<tr>
<td>TV2</td>
<td>TW</td>
<td>Nonbroadcast quality</td>
</tr>
<tr>
<td>TVC</td>
<td>TQ</td>
<td>Custom packages</td>
</tr>
<tr>
<td>TV3</td>
<td>TZ</td>
<td>Private Line Video Service</td>
</tr>
<tr>
<td>TV5</td>
<td>TS</td>
<td>Video Transport Service</td>
</tr>
</tbody>
</table>
**ACCESS SERVICE**

7. **Special Access Service** (Cont'd)

7.12 **Video Special Access Service** (Cont'd)

7.12.3 **Technical Information** (Cont'd)

Video Service shall be ordered with the following network channel interface (NCI) codes at the point of termination:

<table>
<thead>
<tr>
<th>Channel Interface</th>
<th>Audio Channels</th>
<th>Quantity</th>
<th>Bandwidth</th>
<th>Provision Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>2TV6-0</td>
<td>0</td>
<td>0</td>
<td>15 KHz</td>
<td>N/A</td>
</tr>
<tr>
<td>2TV6-1</td>
<td>1</td>
<td>1</td>
<td>15 KHz</td>
<td>N/A</td>
</tr>
<tr>
<td>2TV6-2</td>
<td>2</td>
<td>1</td>
<td>15 KHz</td>
<td>N/A</td>
</tr>
<tr>
<td>2TV6-4</td>
<td>4</td>
<td>1</td>
<td>15 KHz</td>
<td>N/A</td>
</tr>
<tr>
<td>2TV6-6</td>
<td>3</td>
<td>1</td>
<td>15 KHz</td>
<td>N/A</td>
</tr>
<tr>
<td>2TV7-1</td>
<td>1</td>
<td>1</td>
<td>15 KHz</td>
<td>N/A</td>
</tr>
<tr>
<td>2TV7-2</td>
<td>2</td>
<td>1</td>
<td>15 KHz</td>
<td>N/A</td>
</tr>
<tr>
<td>2DS6-44A</td>
<td>1-4</td>
<td>1-4</td>
<td>15 KHz</td>
<td>Diplexed/Separate</td>
</tr>
<tr>
<td>4TV6-5</td>
<td>1-2</td>
<td>1-2</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>4TV6-15A</td>
<td>1-4</td>
<td>1-4</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>4TV6-20</td>
<td>1-4</td>
<td>1-4</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>4TV7-5</td>
<td>1-2</td>
<td>1-2</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>6TV6-5</td>
<td>1-2</td>
<td>1-2</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>6TV6-15A</td>
<td>1-4</td>
<td>1-4</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>6TV7-5</td>
<td>1-2</td>
<td>1-2</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>4TV6-15</td>
<td>1-2</td>
<td>1-2</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>4TV7-15</td>
<td>1-2</td>
<td>1-2</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>6TV6-15</td>
<td>1-2</td>
<td>1-2</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>6TV7-15</td>
<td>1-2</td>
<td>1-2</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>8TV6-15A</td>
<td>1-4</td>
<td>1-4</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>8TV6-20</td>
<td>1-4</td>
<td>1-4</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>10TV6-15A</td>
<td>4</td>
<td>4</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>10TV6-20</td>
<td>1-4</td>
<td>1-4</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>02WVF-L</td>
<td>1</td>
<td>1</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>04WVF-L</td>
<td>1</td>
<td>1</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>06WVF-L</td>
<td>2</td>
<td>2</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>08WVF-L</td>
<td>3</td>
<td>3</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>10WVF-L</td>
<td>4</td>
<td>4</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
<tr>
<td>02WVF</td>
<td>0</td>
<td>0</td>
<td>15 KHz</td>
<td>Separate</td>
</tr>
</tbody>
</table>
7. **Special Access Service** (Cont'd)

7.12 **Video Special Access Service** (Cont'd)

7.12.3 **Technical Information** (Cont'd)

Video Service NCI code translation information follows:

<table>
<thead>
<tr>
<th>Wires Code</th>
<th>Signaling Code</th>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>02 2</td>
<td>TV</td>
<td>0</td>
<td>Video Only</td>
</tr>
<tr>
<td>04 4</td>
<td>0</td>
<td>Video and one audio signal combined (diplexed)</td>
<td></td>
</tr>
<tr>
<td>06 6</td>
<td>1</td>
<td>Video and two audio signals combined (diplexed)</td>
<td></td>
</tr>
<tr>
<td>08 08</td>
<td>2</td>
<td>Video and two audio signals combined (diplexed)</td>
<td></td>
</tr>
<tr>
<td>10 10</td>
<td>4</td>
<td>Video plus one or two (2-wire)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>Video plus one or two 15-KHz audio signal(s)(separate)</td>
<td></td>
</tr>
</tbody>
</table>

Impedance Code  ohms

<table>
<thead>
<tr>
<th>Impedance Code</th>
<th>Signaling Code</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>6</td>
<td>Video and three 15-kHz audio signals combined (diplexed)</td>
</tr>
<tr>
<td>7 124</td>
<td>15</td>
<td>Video plus one or two 15-KHz audio signal(s)(separate)</td>
</tr>
<tr>
<td>15A</td>
<td>Video plus one through four 15-kHz audio signals(separate)</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Video plus one, two, three or four</td>
<td></td>
</tr>
<tr>
<td>44A</td>
<td>20 kHz audio signals (separate)</td>
<td></td>
</tr>
<tr>
<td>One-way 45 Mb/s digital handoff. One to four 5-20 Khz audio signals combined (diplexed)/separate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Video Service technical specifications, transmission parameters, and compatible NCI codes are set forth in Technical Reference TR-TSV-000338

7.12.4 Reserved
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Video Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Video Special Access Service (Cont'd)

7.13 RESERVED for FUTURE USE

7.14 RESERVED for FUTURE USE
7. Special Access Service (Cont'd)

7.15 Digital Data Special Access Service

7.15.1 Basic Service Description

Digital Data Service provides a channel for duplex four-wire transmission of serial synchronous data with timing provided by the Telephone Company on the received bit stream. The actual bit rate is a function of the channel interface selected by the customer.

Digital Data Service is available via designated Telephone Company Hub locations only and is provided between customer premises or between a customer premises and a designated Telephone Company Hub location.

7.15.2 Technical Information

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 in service, if measured through a channel service unit (CSU) which is designed, manufactured and maintained in conformance with the specifications contained in Technical Reference TR-NPL-000341.

The customer may provide the CSU equipment or other Network Channel Terminating Equipment (NCTE) associated with the Digital Data Service at the customer premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

Digital Data Service is available in accordance with the following technical specifications packages:

<table>
<thead>
<tr>
<th>Service Designator</th>
<th>Network Channel Code</th>
<th>Description (bit Rate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA1</td>
<td>XA</td>
<td>2.4 kbps</td>
</tr>
<tr>
<td>DA2</td>
<td>XB</td>
<td>4.8 kbps</td>
</tr>
<tr>
<td>DA3</td>
<td>XG</td>
<td>9.6 kbps</td>
</tr>
<tr>
<td>DA4</td>
<td>XH</td>
<td>56.0 kbps</td>
</tr>
<tr>
<td>DA6</td>
<td>XD</td>
<td>64.0 kbps</td>
</tr>
</tbody>
</table>
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.15 Digital Data Special Access Service (Cont'd)

7.15.2 Technical Information (Cont'd)

Digital Data Service shall be ordered with the following network channel interface (NCI) codes at the point of termination:

<table>
<thead>
<tr>
<th>Code</th>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>06DU5-24</td>
<td>24</td>
<td>2.4 kbps</td>
</tr>
<tr>
<td>06DU5-48</td>
<td>48</td>
<td>4.8 kbps</td>
</tr>
<tr>
<td>06DU5-96</td>
<td>96</td>
<td>9.6 kbps</td>
</tr>
<tr>
<td>06DU5-56</td>
<td>56</td>
<td>56.0 kbps</td>
</tr>
<tr>
<td>06DU5-64</td>
<td>64</td>
<td>64.0 kbps</td>
</tr>
</tbody>
</table>

In addition, Digital Data Service may be provided using a channelized DS1 High Capacity Service, with an NCI code as listed under DS1 containing synchronization to the digital network.

Wires

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Code</th>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>04 4</td>
<td>DU</td>
<td></td>
<td>Digital access interface</td>
</tr>
<tr>
<td>06 6</td>
<td>24</td>
<td>2.4 kbps</td>
<td></td>
</tr>
<tr>
<td></td>
<td>48</td>
<td>4.8 kbps</td>
<td></td>
</tr>
<tr>
<td></td>
<td>96</td>
<td>9.6 kbps</td>
<td></td>
</tr>
<tr>
<td></td>
<td>56</td>
<td>56.0 kbps</td>
<td></td>
</tr>
<tr>
<td></td>
<td>64</td>
<td>64.0 kbps</td>
<td></td>
</tr>
</tbody>
</table>

Impedance

<table>
<thead>
<tr>
<th>Code ohms</th>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 135</td>
<td>24S</td>
<td>2.4 kbps with secondary channel</td>
</tr>
<tr>
<td>9 100</td>
<td>48S</td>
<td>4.8 kbps with secondary channel</td>
</tr>
<tr>
<td></td>
<td>96S</td>
<td>9.6 kbps with secondary channel</td>
</tr>
<tr>
<td></td>
<td>56S</td>
<td>56.0 kbps with secondary channel</td>
</tr>
</tbody>
</table>

The Digital Data Service technical specifications, transmission parameters, compatible voltages, and compatible NCI codes are set forth in Technical Reference TR-NPL-000341.
ACCESS SERVICE

7. Special Access Service (Cont’d)

7.15 Digital Data Special Access Service (Cont’d)

7.15.3 Optional Features and Functions

Bridging

Bridging is available with all Digital Data technical specifications packages.

Transfer Arrangement

Provides for the transfer of one Digital Data Service to another separately rated spare or working serving which terminates at the same or different customer premises. This arrangement is available only at designated Telephone Company Hub locations. The arrangement may be (1) key activated over a separately rated Metallic Service control channel of the arrangement; or (2) dial activated using a Controller Arrangement, as set forth in Section 13. Both methods use one port of the transfer arrangement.

Secondary Channel Capability (SCC)

Provides for the flexibility of utilizing a secondary channel in conjunction with a primary DDS channel. SCC is only available at the 2.4, 4.8, 9.6 and 56 kbps speeds. The secondary and primary channels operate independently of each other, over the same facilities, and must be coterminated in common customer provided equipment. The SCC is typically used for network management applications and is offered as a two-point or multipoint service. The availability of the service is limited. The addition of the SCC option to an existing DDS service will be treated as a subsequent addition to the existing service.
ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.15 **Digital Data Special Access Service** (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.15 Digital Data Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.15 Digital Data Special Access Service (Cont'd)
7. **Special Access Service** (Cont'd)

7.16 **High Capacity Special Access Service**

7.16.1 **Basic Service Description**

High Capacity Service provides a channel for the transmission of isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer.

High Capacity Service is provided between customer premises or between a customer premises and a Telephone Company Hub location. Certain multiplexed channels of High Capacity Service as provided at, or between, Telephone Company Hub locations only.

DS1 service may also be provided as free (unframed) format. This option provides a DS1 signal with electrical characteristics identical to the framed 1.544 Mbps signals for DS1 service with B8ZS, except for the lack of an apparent frame format. This format is not compatible with Telephone Company equipment that requires framing, synchronization, error detection or control information and can only be provided where suitable equipment is available.

The customer may provide High Capacity Service Network Channel Terminating Equipment (NCTE) which is required at the customer premises. The interconnection of such equipment is set forth in Technical Reference PUB GR-342-CORE.

7.16.1.1 **Fractional DS1 Service**

A Fractional DS1 channel provides for the digital transmission of nominal 128, 256, 384, 512, 768 kbps, serial data. The actual bit rate is a function of the channel interface selected by the customer. Fractional DS1 channels are provided for two-point service between customer designated premises or between a customer designated premises and a Telephone Company Digital Hub. Rates for Fractional DS1 Service can be found in Section 7.16.4.

When a single Fractional DS1 channel is ordered to be terminated at a customer's designated POP, which requires a minimum digital interface level at 1.544 Mbps, the Telephone Company will provide the required interface where facilities are available.
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)

7.16.1.1 Fractional DS1 Service (Cont'd)

Fractional DS1 service is offered only where equipment and facilities are available. Fractional DS1 service is provisioned from specific wire centers which are listed in the National Exchange Carrier Association, Inc. Tariff FCC No. 4. Availability is not restricted to customers serviced by the wire centers listed in FCC No. 4, but the service must be routed through the designated offices in FCC No. 4. Mileage, as defined in 2.11.4 (B) (Distance Sensitive Rates) will apply.

It is the customer’s responsibility to arrange for the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Fractional DS1 channel at the customer premises.

Rates and charges for Fractional DS1 Service can be found in Section 7.16.4 following.

Technical Specifications Package HC1 will apply for all speeds of Fractional DS1 Service.

A Fractional DS1 channel with Technical Specifications Package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a Channel Service Unit equivalent which is designed, manufactured, and maintained to conform with the specifications contained in the Technical Reference for High Capacity Service.

Channel Interfaces (CI)

The following channel interfaces define the bit rates that are available for a Fractional DS1 channel:

<table>
<thead>
<tr>
<th>CI</th>
<th>Bit Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS-1S</td>
<td>128, 256, 384, 512, 768 kbps</td>
</tr>
</tbody>
</table>
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)

7.16.2 Technical Information

An HC1 Service will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the DS1 bit rate through a Channel Service Unit (CSU) designed, manufactured and maintained in conformance with the specifications in Technical Reference PUB 62411.

44.736 Mbps High Capacity Service is usually provided as follows:

- On digital optical equipment and lightwave facilities selected by the Telephone Company, and it is provided only through serving wire centers equipped to furnish such service.

- It is the responsibility of the customer (or any other party in interest, such as the applicant for service or the owner or operator of the premises or the builder) to provide in a manner satisfactory to the Telephone Company, and without cost to the Telephone Company: a means of entrance for the fiber optic cable into the building, space for mounting the necessary terminals and equipment, and, where required, to supply a means to reach each floor and each suite or office on each floor where service is desired. In addition, a suitable AC source must be provided in the customer equipment location.

- 44.736 Mbps High Capacity Service technical parameters are set forth in Technical Reference PUB GR-342-CORE.

The technical specifications for High Capacity Service provided to an Expanded Interconnection Location are delineated in Technical Reference Publication GR-63-CORE.
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)

7.16.2 Technical Information (Cont'd)

High Capacity Service is available in accordance with the following predefined technical specifications packages:

<table>
<thead>
<tr>
<th>Service Designator</th>
<th>Channel Code</th>
<th>Description (bandwidth)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA1</td>
<td>XA</td>
<td>2.4 kbps</td>
</tr>
<tr>
<td>HC0</td>
<td>HS</td>
<td>64 kbps (DSO)</td>
</tr>
<tr>
<td></td>
<td>HX</td>
<td>128, 256, 384 Kbps</td>
</tr>
<tr>
<td>HC1</td>
<td>HC</td>
<td>1.544 Mbps (DS1)</td>
</tr>
<tr>
<td>HC1C</td>
<td>HD</td>
<td>3.152 Mbps (DS1C)</td>
</tr>
<tr>
<td>HC2</td>
<td>HE</td>
<td>6.312 Mbps (DS2)</td>
</tr>
<tr>
<td>HC3</td>
<td>HF</td>
<td>44.736 Mbps (DS3)</td>
</tr>
<tr>
<td>HC4</td>
<td>HG</td>
<td>274.176 Mbps (DS4)</td>
</tr>
</tbody>
</table>

High Capacity Service shall be ordered with the following network channel interface (NCI) codes at the point of termination:

04DU9-BN 04DU9-DN 04DU9-1KN 04DU9-1SN 04DS9-15
04DS9-15B 04DS9-15J 04DS9-1K 04DS9-1S 04DU9-AN
04DS9-31 04DS0-63 04DS6-44 04DS6-27 04S0F-B
04ST6-A 04CM6-1 04CM6-3 04CM6-C3 04CM6-S

The High Capacity NCI code translation information follows:

<table>
<thead>
<tr>
<th>Wires</th>
<th>Impedance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>No.</td>
</tr>
<tr>
<td>02</td>
<td>2</td>
</tr>
<tr>
<td>04</td>
<td>4</td>
</tr>
<tr>
<td>06</td>
<td>6</td>
</tr>
</tbody>
</table>
7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)

7.16.2 Technical Information (Cont'd)

<table>
<thead>
<tr>
<th>Code</th>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td></td>
<td>DSO level to Digital Switch</td>
</tr>
<tr>
<td>DS</td>
<td></td>
<td>Digital hierarchy interface</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>1.544 Mbps (DS1) with superframe format (SF)</td>
</tr>
<tr>
<td>15B</td>
<td></td>
<td>1.544 Mbps (DS1) Superframe (SF) format and B8ZS CCC</td>
</tr>
<tr>
<td>15J</td>
<td></td>
<td>1.544 Mbps (DS1) with free (unframed) format (only available on a special case basis)</td>
</tr>
<tr>
<td>1K</td>
<td></td>
<td>1.544 mbps (DS1) &quot;ANSI&quot; Extended Super Frame (ESF) format</td>
</tr>
<tr>
<td>1S</td>
<td></td>
<td>1.544 Mbps (DS1) &quot;ANSI&quot; Extended Super Frame (ESF) format and B8ZS CCC</td>
</tr>
<tr>
<td>CM</td>
<td></td>
<td>SONET ADM Termination</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>DS1 low speed port termination</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>DS3 middle speed port termination</td>
</tr>
<tr>
<td>C3</td>
<td></td>
<td>OC3 middle speed port termination</td>
</tr>
<tr>
<td>S</td>
<td></td>
<td>STS1 middle speed port termination</td>
</tr>
<tr>
<td>SO</td>
<td></td>
<td>SONET Optical</td>
</tr>
<tr>
<td>ST</td>
<td></td>
<td>Synchronous Transmission Signal (STS)</td>
</tr>
<tr>
<td>DS</td>
<td>27</td>
<td>274.176 Mbps (DS4)</td>
</tr>
<tr>
<td></td>
<td>31</td>
<td>3.152 Mbps (DS1C)</td>
</tr>
<tr>
<td></td>
<td>44</td>
<td>44.736 Mbps (DS3)</td>
</tr>
<tr>
<td></td>
<td>63</td>
<td>6.312 Mbps (DS2)</td>
</tr>
<tr>
<td>DU</td>
<td></td>
<td>Digital access interface</td>
</tr>
<tr>
<td>AN</td>
<td></td>
<td>1.544 Mbps (DS1) free (unframed) format (only available on a special case basis), without line power (N)</td>
</tr>
<tr>
<td>BN</td>
<td></td>
<td>1.544 Mbps (DS1) Superframe (SF) format per GR-54-CORE and without line power</td>
</tr>
<tr>
<td>DN</td>
<td></td>
<td>1.544 Mbps (DS1) Superframe (SF) format per GR-54-CORE with B8ZS CCC and without line power</td>
</tr>
<tr>
<td>1KN</td>
<td></td>
<td>1.544 Mbps (DS1) &quot;ANSI&quot; Extended Superframe (ESF) format without line power</td>
</tr>
<tr>
<td>1SN</td>
<td></td>
<td>1.544 Mbps (DS1) &quot;ANSI&quot; Extended Superframe (ESF) and B8ZS CCC without line power</td>
</tr>
</tbody>
</table>

The High Capacity Service technical specifications, transmission parameters, compatible voltages, and compatible NCI codes are set forth in Technical Reference TR-INS-000342.
7. **Special Access Service (Cont'd)**

7.16 **High Capacity Special Access Service (Cont'd)**

7.16.3 **Optional Features and Functions**

**Multiplexing**

These arrangements use digital time division multiplexing at a Telephone Company Hub location:

- **DS4 to DS1** - Converts a DS4 channel to 168 DS1 channels.
- **DS3 to DS1** - Converts a DS3 channel to 28 DS1 channels.*
- **DS2 to DS1** - Converts a DS2 channel to four DS1 channels.
- **DS1C to DS1** - Converts a DS1C channel to two DS1 channels.
- **DS1 to Voice** - Converts a DS1 channel to 24 channels suitable for Voice Grade, WATS Access Line, Digital Data, or Program Audio Service.**

---

* A DS1 channel slot of the DS3-DS1 multiplexing arrangement may be used to provision Fractional DS1 service. Fractional DS1 rates will apply from the Telephone Company hub location providing the multiplexing function to the customer premises.

** Fractional DS1 service may be provisioned on a multiplexed DS1 service if the required capacity exists on contiguous spare channels of the DS1 service. The DS1 service must have B8ZS Clear Channel Capability. The customer must provide the Connecting Facility Assignments (CFA) on the Access Service Request (ASR) for the Fractional DS1 service. Fractional DS1 rates will apply from the Telephone Company hub location providing the multiplexing function to the customer premises.

If an existing DS1 service is multiplexed utilizing D4 channel bank equipment, it is incompatible with Fractional DS1 service provisioning. If the customer desires to use such an existing DS1 service to provision Fractional DS1 service, a DS1 rearrangement charge will apply (as specified in 2.11.5) to rearrange the DS1 to central office equipment which is compatible with Fractional DS1 provisioning.
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)

7.16.3 Optional Features and Functions (Cont'd)

Multiplexing (Cont'd)

DS1 to DS0 - Converts a DS1 channel to a maximum of 24 DS0 (64.0 kbps) channels to connect to other such channels at the same or different designated Telephone Company Digital Hub. The actual number of DS0 channels is a function of the facility utilized to provide service. The customer must provide digital transmission system and channel assignment data for such applications.

DS0 to Subrate - Converts a DS0 channel to subrate channels (twenty 2.4 kbps, ten 4.8 kbps, or five 9.6 kbps) to connect to other such channels at the same or different designated Telephone Company Digital Hub. The customer must provide system and channel assignment data for such applications.
7. **Special Access Service** (Cont’d)

7.16 **High Capacity Special Access Service** (Cont’d)

7.16.3 **Optional Features and Functions** (Cont’d)

**Multiplexing** (Cont’d)

**Multiplexer Cross-Connection (MCC) – DS0 to DS0**

The Multiplexer Cross-Connection (MCC) function provides for the connection of two digital services of the same bit rate at the Telephone Company Hub locations. This allows one channel of a multiplexed DS1 to cross-connect to a channel of another multiplexed DS1. The MCC must connect two channels of the same speed and like signaling at designated Telephone Company Hub locations.

![Diagram of Multiplexer Cross-Connection (MCC) – DS0 to DS0]

**Diagram Description:**
- **CP:** Customer Premise
- **MUX:** Multiplexer
- **HUB:** Telephone Company Hub
- **DS0 MCC:** DS0 Multiplexer Cross-Connection
- **DS1 CT to Customer Premise A:** DS1 Channel Termination
- **DS1 CT to Customer Premise B:** DS1 Channel Termination

DS0 MCC will be provided at Telephone Company locations where DS1 multiplexing is performed. MCC will be charged per cross-connect per central office, where the cross-connection is performed. If MCC is provided between two Telephone Company offices where DS1 multiplexing is performed, Channel Mileage (Fixed and Per Mile) for the lower speed DS0 service will apply between the two central offices along with one MCC charge per cross-connect per central office.

When one DS0 service is cross-connected to another DS0 service, the two cross-connected services are treated separately for service performance measurement and service interruption credit purposes. If two customers are involved, one customer will be responsible for the entire billing of MCC. The customer must provide the channel assignment information for the DS0 channels: Connecting Facility Assignment (CFA) and the Secondary Connecting Facility Assignment (SCFA).
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)

7.16.3 Optional Features and Functions (Cont'd)

Network Reconfiguration Service (NRS)

An arrangement that provides the customer the ability to control the reconfiguration of their Special Access services (digital or analog) on a near real-time basis by means of the special provisioning of these services through a Digital Crossconnect Device (DCD). NRS can accommodate the termination and reconfiguration of circuits up to the 56.0 Kbps and 1.544 Mbps signal levels. The reconfiguration of services is accomplished at the DSO level. Customer access to the reconfiguration capability is accomplished through a Network Controller and is on the basis of either a local telephone company dial-up or dedicated facility arrangement.

The DCDs are located in specific Telephone Company serving wire centers, and are connected to a centralized Network Controller. Therefore, NRS is available only from selected serving wire centers.

Clear Channel Capability (CCC)

(a) CCC is an arrangement that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity channel with no constraint on the quantity or sequence of ones (mark) and zero (space) bits. This arrangement requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code as described in Technical Reference TR-NPL-000054 and TR-INS-000342.

(b) CCC is provided on 1.544 Mbps High Capacity channels between two customer designated premises or between a customer designated premises and a Telephone Company multiplexing hub and is subject to the availability of facilities.

(c) The optional feature may be ordered at the same time the High Capacity service is ordered or it may be ordered as an addition to an existing High Capacity service. Customers must agree to out-of-service periods required to add this feature to an existing High Capacity service.
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)

7.16.3 Optional Features and Functions (Cont'd)

Shared Network Arrangement(1)

A Shared Network Arrangement is a service offering that enables a customer (the "Service User") to connect subtending services to a Telephone Company multiplexed Special Access DS3 or DS1 service of another customer (the "Host Subscriber"). The Telephone Company will maintain separate records and billing for each customer. Each customer will be billed for those rate elements associated with their own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains either subtending Voice Grade Special Access or Digital Data Special Access circuits from a Host's multiplexed DS1 service, or Special Access DS1 or Fractional DS1 circuits from a Host's multiplexed DS3 service.

Under the Shared Network Arrangement, the Telephone Company may share record information with the Host Subscriber pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the Telephone Company as is necessary to perform billing reconciliations and/or other functions required in connection with maintaining account records.

Each customer entering into a Shared Network Arrangement is solely responsible to the Telephone Company for charges associated with that customer's portion of the shared network. Disconnection of service by the Host Subscriber does not relieve another user of the network of any obligation to pay access charges associated with the portion of the shared network to which that user subscribes. Billing for services and facilities will continue until a disconnect request from the Service User has been received by the Telephone Company. The Host Subscriber is solely responsible for notifying the connecting Service User in the event of disconnection of the Host service which affects that portion of the shared network service to which the Service User has subscribed.

(1) Effective 05/26/06, this regulation is limited to existing customers. For new customers purchasing Shared Network Arrangement, terms and conditions set forth in Section 5.6.15 will apply.
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)

7.16.3 Optional Features and Functions (Cont'd)

Shared Network Arrangement\(^{(1)}\) (Cont'd)

For administrative purposes, one "Arrangement" under the Shared Network Arrangement offering shall be limited to the agreement between one Host Subscriber and one Service User permitting the Service User to connect a specified number of subtending circuits to one specified multiplexer on the Host's service. Agreements between one Host Subscriber and two (or three, etc.) Service Users shall be deemed to comprise two (or three, etc., respectively) separate "Arrangements." However, an agreement to expand the scope of an existing Arrangement by subsequently increasing the number of subtending circuits on the same multiplexer shall not constitute a new or separate "Arrangement."

Shared Network Arrangement will not apply to Packet Switched Data Network Service (PSDN) as described in Section 19.

A Shared Network Arrangement shall be established between a Host Subscriber and a Service User upon the completion of the service order for the first circuit(s) in the arrangement. No Shared Network Arrangement shall be deemed to be in effect until at least one subtending circuit has been installed for the Service User. A Shared Network Arrangement shall be deemed canceled when the last subtending circuit has been disconnected.

A Processing Charge will apply for handling each service order in a Shared Network Arrangement when a Service User orders a subtending circuit(s) to be connected to a Host Subscriber's multiplexed service. The Processing Charge is contained in Section 7.16.4(C) and applies in addition to all other applicable rates and charges.

\(^{(1)}\) Effective 05/26/06, this regulation is limited to existing customers. For new customers purchasing Shared Network Arrangement, terms and conditions set forth in Section 5.6.15 will apply.
7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)

7.16.3 Optional Features and Functions (Cont'd)

Enhanced Access Diversity (EAD)

Enhanced Access Diversity (EAD) is an optional feature of DS1 and DS3 service which provides a choice of three levels of diversity. Diversity is provided on transmission facilities for two or more DS1 or DS3 services over two different physical routes. Customers subscribing to the EAD option will be provided a report on a quarterly basis which identifies the routing of each service in the diverse grouping. EAD is offered using existing physically diverse facilities. If diverse facilities are not available, EAD may be provided pursuant to the Telephone company's Special Construction Tariff F.C.C. No. 35.

The customer must identify the services which will be diverse when placing orders for EAD. The customer must also provide all appropriate connecting facility assignments (CFA) and any other pertinent information which will allow the Telephone Company to provide and maintain EAD. EAD is provided on a per DS1 or DS3 basis only, and the rates for EAD are in addition to the rates for DS1 and DS3 Special Access service.

The three levels of diversity offered are described below:

Option 1

Option 1 provides interoffice facility diversity between serving wire centers only. This offering utilizes existing physically diverse interoffice facilities, excluding equipment and facilities located in a serving wire center extending to the first manhole located outside the serving wire center.

Example:

OPTION 1:

EU — SWC — SWC — POP

= Diverse Route

= Normal Route
7. **Special Access Service** (Cont'd)

7.16 **High Capacity Special Access Service** (Cont'd)

7.16.3 **Optional Features and Functions** (Cont'd)

**Enhanced Access Diversity (EAD)** (Cont'd)

**Option 2**

Option 2 provides local loop and interoffice facility diversity between serving wire centers. This offering utilizes existing physically diverse local loop and interoffice facilities, excluding equipment and facilities located in a serving wire center extending to the first manhole outside the serving wire center, or from the point of termination to the first manhole outside the customer premises. This option provides diversity between two customer premises or between a customer premises and a Telephone Company Hub.

Example:

**OPTION 2:**

![Diagram showing EU, SWC, SWC, and POP with Diverse and Normal Routes](image)

- **='** Diverse Route
- **-** Normal Route
7. **Special Access Service** (Cont'd)

7.16 **High Capacity Special Access Service** (Cont'd)

7.16.3 **Optional Features and Functions** (Cont'd)

**Enhanced Access Diversity (EAD)** (Cont'd)

**Option 3**

Option 3 provides end-to-end diversity, including local loop and interoffice facilities. In this offering diverse local loop facilities from the customer's premises to a wire center other than the customer's normal serving wire center must already exist. Existing diverse interoffice facilities must also be available between the serving wire centers. Interoffice mileage will be charged between the serving wire centers where the local loops actually terminate. This option provides diversity between two customer premises or between a customer premises and a Telephone Company Hub.

Example:

**OPTION 3:**

![Diagram of Enhanced Access Diversity (EAD) Option 3]

- EU
- SWC
- SWC
- SWC
- SWC
- POP

**Legend:**
- = Diverse Route
- = Normal Route
7. **Special Access Service** (Cont'd)

7.16 **High Capacity Special Access Service** (Cont'd)

7.16.3 **Optional Features and Functions** (Cont'd)

The following table shows the optional features and functions availability (A) for High Capacity Service:

<table>
<thead>
<tr>
<th>Central Office Multiplexing</th>
<th>HC0</th>
<th>HC1</th>
<th>HC1C</th>
<th>HC2</th>
<th>HC3</th>
<th>HC4</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS4 to DS1</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A</td>
</tr>
<tr>
<td>DS3 to DS1</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A</td>
<td>-</td>
</tr>
<tr>
<td>DS2 to DS1</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A</td>
<td>-</td>
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<tr>
<td>DS1C to DS1</td>
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<td>-</td>
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<td>-</td>
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<tr>
<td>DS1 to Voice</td>
<td>-</td>
<td>A</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>DS1 to DS0</td>
<td>-</td>
<td>A</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>DS0 to Subrate*</td>
<td>A</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optional Features</th>
<th>HC0</th>
<th>HC1</th>
<th>HC1C</th>
<th>HC2</th>
<th>HC3</th>
<th>HC4</th>
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</thead>
<tbody>
<tr>
<td>Network Reconfiguration</td>
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<td>Clear Channel Capability</td>
<td>-</td>
<td>A</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>Shared Network Arrangement</td>
<td>-</td>
<td>A</td>
<td>-</td>
<td>A</td>
<td>-</td>
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</tr>
<tr>
<td>Enhanced Access Diversity</td>
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<td>A</td>
<td>-</td>
<td>A</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

* Available only on a channel of a 1.544 Mbps facility to a Telephone Company Hub.
7. Special Access Service (Cont’d)

7.16 High Capacity Special Access Service (Cont’d)

7.16.4 Rates and Charges

General Description

This section contains the specific regulations governing the rates and charges, which apply to High Capacity Services.

DS3 High Capacity Service is available under a month-to-month*, one, three or five-year billing period as described following.

DS1 and DS3 Services are subject to zone pricing. Rates for three rate zones have been established pursuant to the Federal Communications Commission's Report and Order and Order in the Matter of Expanded Interconnection with Local Telephone Company Facilities, CC Docket No. 91-141, adopted September 17, 1992 and released October 17, 1992.

Each Central Office has been assigned to one of three pricing zones. The pricing zone for each central office is identified in NECA FCC Tariff No. 4.

(1) DS3 High Capacity Service Rate Description

Monthly Extension Rates

Monthly extension rates are charges that the customer may elect to be converted to at the end of their 1, 3 or 5-year billing period, until a new billing period is selected or service is disconnected. Monthly extension rates are only available once the term plan has expired.

DS3 High Capacity Service Billing Period

The billing period establishes the amount of time that rates for a service are stabilized by the Telephone Company.

The following billing periods are available for DS3 High Capacity Services and associated optional features and functions:

- Month-to-Month*
- Monthly Extension Rate
- 1 Year
- 3 Year
- 5 Year

* This option will no longer be available for new circuits provisioned on or after, December 19, 2003. There will be no change to existing circuits.
7. **Special Access Service** (Cont'd)

7.16 **High Capacity Special Access Service** (Cont'd)

7.16.4 **Rates and Charges** (Cont'd)

**General Description** (Cont'd)

1. **DS3 High Capacity Service Rate Description** (Cont'd)

**DS3 High Capacity Service Billing Period** (Cont'd)

At the expiration of the billing period, the customer will have the option of subscribing to one of the following options:

(a) Elect to renew the service for a new 1, 3 or 5 year billing period, at rates and charges currently in effect.

(b) Elect to be converted to monthly extension rates.

(c) Elect to disconnect the service upon expiration of the billing period.

If the customer does not choose one of the preceding options prior to the expiration date of the commitment period, monthly extension rates will be applied upon expiration of the commitment period.

Option (a) as described preceding is available to customers if the term plans remain in effect and are not grandfathered. If the term plans are grandfathered and the service expires, absent customer notification, the customers expired service will be converted to monthly extension rates upon expiration.

Nonrecurring charges are not applicable for services renewed, as long as the same number of DS3s are renewed. Any change in the number of DS3s will incur the appropriate nonrecurring charges.

The customer must provide the Telephone Company with a written notice of intent to extend the DS3 billing period no later than one month prior to the expiration of the service period.
7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)

7.16.4 Rates and Charges (Cont'd)

General Description (Cont'd)

(1) DS3 High Capacity Service Rate Description (Cont'd)

DS3 High Capacity Service Billing Period (Cont'd)

An existing DS3 under a 1 or 3 year billing period may be converted to a DS3 under a longer term 3 or 5 year billing period without termination liabilities, provided that:

(a) the expiration date for the new term agreement is beyond the end of the original term agreement,

(b) the converted DS3 must be based upon the prevailing rates,

(c) the customer maintains the same or greater number of DS3 circuits under the new billing period, and

(d) No lapse in service occurs.
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.16 **High Capacity Special Access Service** (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
ACCESS SERVICE

7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
7. Special Access Service (Cont'd)

7.16 High Capacity Special Access Service (Cont'd)
7. **Special Access Service** (Cont'd)

7.16 **High Capacity Special Access Service** (Cont'd)
8. **Testing, Maintenance, and Additional Labor Services**

8.1 **General**

The services provided under this Guide shall be maintained and repaired only by the Telephone Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Telephone Company, other than by connection or disconnection of equipment or communications systems provided by the customer to the Access Service interface used, unless the Telephone Company gives its written consent.

The Telephone Company’s failure to maintain services under this Guide is excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Telephone Company, acts of God and other circumstances beyond the Telephone Company’s reasonable control, subject to a Credit Allowance for a Service Interruption, as set forth in Section 2.12.

8.1.1 **Notification of Service-Affecting Activities**

The Telephone Company will provide the customer reasonable notification of service-affecting activities that may occur during the normal operation of its business. Such activities may include, but are not limited to, equipment or facility additions, removals or rearrangements, routine preventative maintenance and major switching machine change-out. Such activities affect multiple customers and services. No specific advance notification period is applicable to all service activities. The Telephone Company will work cooperatively with the customer to determine reasonable notification requirements.

8.1.2 **Network Contingency Plans**

The Telephone Company will work cooperatively with the customer to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters which affect telecommunications services. The customer shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following such disasters which affect telecommunications services.
8. Testing, Maintenance, and Additional Labor Services (Cont'd)

8.1 General (Cont'd)

8.1.3 Labor Sensitive Rates

When applying rates based on the number of hours worked, a Telephone Company employee's time is classified as follows:

(A) Basic Time

Applies to time worked during a normal business day, (8:00 a.m. - 5:00 p.m., Monday through Friday).

B Overtime

Applies to time worked outside of a normal business day, (Monday through Friday), and on Saturdays.

C Premium Time

Applies to time worked on Sundays and/or holidays (days observed by the Telephone Company are New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Thanksgiving Day, the day after Thanksgiving, and Christmas Day).

D Call-outs

A call-out of a Telephone Company employee will be charged a minimum of four (4) hours on an Overtime and/or Premium Time basis when the call-out is attributed to a customer request/problem. However, at no time will the customer be charged if trouble is found to be on the Telephone Company side of the demarcation point.
8. Testing, Maintenance, and Additional Labor Services (Cont'd)

8.2 Testing Services

8.2.1 Acceptance Testing

At the customer's request and at no additional charge, the Telephone Company will cooperatively test Access Services for the parameters listed in separate subsections which follow at the time of installation. The customer may request additional acceptance testing services for additional charges.

8.2.2 Normal Maintenance

The Telephone Company maintains and repairs the services offered in this Guide during a normal business day at no additional charge to the customer. The customer may request maintenance outside of a normal business day for an additional charge. The Telephone Company will test its services only to the extent necessary to detect and/or clear troubles.

8.2.3 Optional Testing Services

The customer may order additional testing services for additional charges. The facilities to be tested shall be made available at mutually agreed upon times when a customer orders an optional testing service.

(A) Scheduled Tests

Scheduled tests are performed by the Telephone Company, after the initial installation, on a regular, e.g. monthly, basis. Scheduled tests may be performed: (1) cooperatively with Telephone Company technicians at Telephone Company offices working with customer technicians at the customer's premises or (2) manually with Telephone Company technicians at both the Telephone Company offices and the customer's premises. Certain Switched Access Services may also be tested on an automated basis with no Telephone Company or customer technicians involved.

There is a minimum number of scheduled tests which make up the basic offering which must be ordered by the customer. Based on the specific tests involved, a monthly charge is developed for testing service ordered by multiplying per test, per transmission path monthly rates times the number of tests ordered in a one year interval.
8. Testing, Maintenance, and Additional Labor Services (Cont'd)

8.2 Testing Services (Cont'd)

8.2.3 Optional Testing Services (Cont'd)

(A) Scheduled Tests (Cont'd)

Example:

A customer orders 12 Loss tests, 12 Noise tests and 2 Return Loss tests on one trunk for a year. The total monthly charges are computed as follows:

\[
12 \times \text{Loss Test monthly rate} \quad + \quad 12 \times \text{Noise Test monthly rate} \quad + \quad 2 \times \text{Return Loss monthly rate}
\]

= Total monthly charge to test the one trunk

(B) Nonscheduled Tests

Nonscheduled tests are tests performed by the Telephone Company "on demand" and may involve Telephone Company technicians at both the Telephone Company's offices and the customer's premises.

8.3 RESERVED
8. **Testing, Maintenance, and Additional Labor Services** (Cont'd)

8.4 **Special Access Testing Services**

8.4.1 **Acceptance Testing**

(A) **Testing Provided at No Charge**

At the customer's request and at no additional charge, the Telephone Company will cooperatively test for the following parameters at the time of installation:

1. Voice Grade analog services - loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters apply and are specified in the order for service. If the customer orders the Voice Grade improved loss optional feature, a balance (improved loss) test is also performed.

2. Other services - acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

At the request of a customer, the Telephone Company will provide assistance in performing specific tests requested by the customer.
ACCESS SERVICE

8. Testing, Maintenance, and Additional Labor Services (Cont'd)

8.4 Special Access Testing Services (Cont'd)

8.4.1 Acceptance Testing (Cont'd)

(B) Optional Additional Cooperative Acceptance Testing (ACAT)

When a customer provides a technician at its premises or at an end user's premises, with suitable test equipment to perform the requested tests, the Telephone Company will provide a technician at its office to conduct Additional Cooperative Acceptance Testing on Voice Grade Services. At the customer's request, the Telephone Company will provide a technician at the customer's premises or at the end user's premises. These tests may consist of the following:

- Attenuation Distortion (i.e., frequency response)
- Intermodulation Distortion (i.e., harmonic distortion)
- Phase Jitter
- Impulse Noise
- Envelope Delay Distortion
- Echo Control
- Frequency Shift
- etc.

<table>
<thead>
<tr>
<th>Work Periods</th>
<th>Half Hour or Fraction Thereof</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Time</td>
<td>$300.00</td>
</tr>
<tr>
<td>Overtime</td>
<td>$60.00</td>
</tr>
<tr>
<td>Premium Time</td>
<td>$75.00</td>
</tr>
<tr>
<td>First</td>
<td>$115.00</td>
</tr>
<tr>
<td>Additional</td>
<td>$140.00</td>
</tr>
<tr>
<td></td>
<td>$170.00</td>
</tr>
</tbody>
</table>
8. Testing, Maintenance, and Additional Labor Services (Cont'd)

8.4 Special Access Testing Services (Cont'd)

8.4.2 Nonscheduled Testing

When a customer provides a technician with suitable test equipment to perform the requested tests, the Telephone Company will provide a technician to conduct Additional Cooperative Acceptance Testing.

<table>
<thead>
<tr>
<th>Work Periods</th>
<th>Half Hour or Fraction Thereof</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First</td>
</tr>
<tr>
<td>Basic Time</td>
<td>$52.18</td>
</tr>
<tr>
<td>Overtime</td>
<td>$55.99</td>
</tr>
<tr>
<td>Premium Time</td>
<td>$59.58</td>
</tr>
</tbody>
</table>

8.5 Maintenance of Service Charge

The charges for Maintenance of Service are deregulated. Customers may contact their Telephone Company business office for additional information.
8. Testing, Maintenance, and Additional Labor Services (Cont'd)

8.6 Additional Engineering and Labor Services

8.6.1 Additional Engineering Service

Additional Engineering will be provided by the Telephone Company at the request of the customer only when:

(A) A customer requests additional technical information after the Telephone Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in Section 5.

(B) Additional engineering time is incurred by the Telephone Company to engineer a customer's request for a customized Special Access Service as set forth in Section 7.2.

When Additional Engineering charges are determined to apply, the customer is given a written estimate of the charges and a statement setting forth the justification, if warranted, for the Additional Engineering. If the customer agrees to the Additional Engineering, a firm order is established. If the customer does not want the service or facilities after being notified that Additional Engineering charges will apply, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

<table>
<thead>
<tr>
<th>Work Periods</th>
<th>First</th>
<th>Additional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Time</td>
<td>$62.08</td>
<td>$36.00</td>
</tr>
<tr>
<td>Overtime</td>
<td>$76.70</td>
<td>$39.00</td>
</tr>
</tbody>
</table>

Half Hour or Fraction Thereof
8. Testing, Maintenance, and Additional Labor Services (Cont'd)

8.6 Additional Engineering and Labor Services (Cont'd)

8.6.2 Additional Labor Service

Additional Labor Services must be requested by the customer and agreed to by the Telephone Company. The Telephone Company will notify the customer that additional labor charges will apply before it undertakes any additional labor. Charges for additional labor will apply per order submitted.

Additional Labor Charges, except as set forth in 8.6.2(B), apply on a first and additional basis for each half hour or fraction thereof.

(A) Overtime Installation

Applies to Telephone Company installation effort performed outside of a normal business day.

(B) Stand by

Applies to time more than one-quarter (1/4) hour during which Telephone Company personnel stand by at the customer's request.

(C) Other

(1) Additional testing, or maintenance of facilities which connect to facilities of other Telephone Companies, in addition to the normal effort required to test, maintain facilities provided solely by the Telephone Company.

(2) Customer requested stand by of Telephone Company personnel during the provision of Special Access Service at daily rates, e.g., during the broadcast of a televised event.

(3) Any other labor to accommodate a specific customer request involving labor not covered by any other section of this Guide.
### ACCESS SERVICE

8. **Testing, Maintenance, and Additional Labor Services** (Cont'd)

8.6 **Additional Engineering and Labor Services** (Cont'd)

8.6.2 **Additional Labor Service** (Cont'd)

(D) **Hourly Rates**

<table>
<thead>
<tr>
<th></th>
<th>Installation</th>
<th>Overtime</th>
<th>Premium Time</th>
<th>Other</th>
<th>Basic Time</th>
<th>Overtime</th>
<th>Premium Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>per technician</td>
<td></td>
<td></td>
<td>per technician</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$250.00</td>
<td>$300.00</td>
<td>$300.00</td>
<td>$300.00</td>
<td>$250.00</td>
<td>$250.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$250.00</td>
<td>$250.00</td>
<td>$250.00</td>
<td>$250.00</td>
<td>$300.00</td>
<td>$300.00</td>
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<tr>
<td></td>
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<td>$300.00</td>
<td>$250.00</td>
<td>$250.00</td>
<td>$250.00</td>
<td>$250.00</td>
<td>$250.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Stand By</th>
<th>First Quarter Hour</th>
<th>Each Additional Half Hour or Fraction Thereof</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Basic Time</td>
<td>None</td>
<td>$55.00</td>
</tr>
<tr>
<td></td>
<td>per technician</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Overtime</td>
<td>None</td>
<td>$80.00</td>
</tr>
<tr>
<td></td>
<td>per technician</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Premium Time</td>
<td>None</td>
<td>$90.00</td>
</tr>
<tr>
<td></td>
<td>per technician</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ACCESS SERVICE

9. RESERVED
ACCESS SERVICE

10. RESERVED
11. Special Facilities Routing of Access Services

11.1 General

The services provided under this Guide are normally provided over such routes and facilities as the Telephone Company may elect. Special Facilities Routing is involved when, in order to comply with requirements specified by the customer, the Telephone Company provides Special Access Service, or Arrangements in a manner which includes one or more of the following conditions:

11.1.1 Diversity

Two or more services, or portions thereof, must be provided over not more than two different physical routes, e.g., physical geographical routes, separate cable sheaths, different carrier transmission systems, different microwave systems, etc.

11.1.2 Avoidance

A service must be provided on a route which avoids specified geographical locations.

Note: Avoidance and Diversity are available on Special Access Services.

Enhanced Access Diversity is provided for DS1 and DS3 services as specified in Section 7.16.3.

11.1.3 Cable-Only Facilities

Certain Voice Grade services are provided on Cable-Only Facilities to meet the particular needs of a customer. Service is provided subject to the availability of Cable-Only Facilities. In the event of service failure, restoration will be made through the use of any available facilities as selected by the Telephone Company.

Note: Cable-Only Facilities are available for Voice Grade Special Access Services.
ACCESS SERVICE

11.  Special Facilities Routing of Access Services (Cont'd)

11.1  General (Cont'd)

In order to avoid the compromise of Special Facilities Routing information, the Telephone Company will provide the required routing information for each specially routed service to only the ordering customer. If requested by the customer, this information will be provided when service is installed and prior to any subsequent changes in routing.

The rates and charges for Special Facilities Routing of Access Services set forth in Section 11.2 are in addition to all other rates and charges that may be applicable for services provided under other sections of this Guide.

The offering of Special Facilities Routing of Access Services contemplates the use of existing facilities. Should facilities not be available, it may be necessary to construct facilities either as (A) normal facilities, or (B) as specially constructed facilities in accordance with the regulations in the Telephone Company's Special Construction Tariff. In the latter case, the entire individual case basis filing shall be filed in Section 11.2 and will include both the rates and charges associated with Special Facilities Routing of Access Services and the applicable Special Construction rates, charges and liabilities.
11. Special Facilities Routing of Access Services (Cont’d)

11.2 Rates and Charges

The rates and charges for Special Facilities Routing of Access Services are developed on an individual case basis and are filed following:

11.2.1 Diversity

For each service provided in accordance with 11.1 preceding, the rates and charges will be developed on an individual case basis and filed following:
ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont’d)

11.2 Rates and Charges (Cont’d)

11.2.2 Avoidance

For each service provided in accordance with 11.1 preceding, the rates and charges will be developed on an individual case basis and filed following:
11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges (Cont'd)

11.2.3 Diversity and Avoidance Combined

For each service provided in accordance with 11.1 preceding, the rates and charges will be developed on an individual case basis and filed following:
11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges (Cont'd)

11.2.4 Cable-Only Facilities

For each service provided in accordance with 11.1 preceding, the rates and charges will be developed on an individual case basis and filed following:
## ACCESS SERVICE

### 12. Specialized Services

#### 12.1 General

Specialized Services may be provided by the Telephone Company, at the request of a customer, on an individual case basis if such services meet the following criteria:

(A) The requested service is not offered under other sections of this Guide.

(B) The facilities required to provide the requested service are of a type normally used by the Telephone Company in furnishing its other services.

(C) The requested service is provided within a single LATA.

(D) The requested service is compatible with other Telephone Company services, facilities, and engineering and maintenance practices.

(E) The necessary Telephone Company personnel and capital resources are available to provide the requested service.

#### 12.2 Rates and Charges

Rates and Charges, and additional regulations if applicable, for Specialized Services are provided on an individual case basis.
13. Miscellaneous Services

13.1 Provision of Access Service Billing Information

13.1.1 Access Service Billing Information Options

The customer may receive its primary monthly access service bills in standard format on paper or, if requested by the customer, in any of the following formats in lieu of paper at no additional charge.

(A) Primary monthly access service bills may be provided on magnetic tape.

(B) Primary monthly access service bills may be provided to the customer premises by electronic data transmission.

Upon acceptance of an order for electronic data transmission, the Telephone Company will determine the period of time to implement the transmission of such material on an individual order basis.

(C) An abbreviated bill in paper format will be provided at no charge when the customer's access bill is provided in other than paper format.

(D) At the request of the customer and for an additional charge as set forth in 13.1.2 following, the customer may be provided with an additional copy of the access service bill.

13.1.2 Rates and Charges

The rates and charges for the provision of additional copies of the customer's monthly access service bill are as follows:

<table>
<thead>
<tr>
<th></th>
<th>Rates</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A) Additional copies of the customer's monthly bill or service features record in magnetic tape format, per record</td>
<td>$0.0001</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>per tape</td>
<td>$44.32</td>
</tr>
</tbody>
</table>
ACCESS SERVICE

13. **Miscellaneous Services** (Cont'd)

13.1 **Provision of Access Service Billing Information** (Cont'd)

13.1.2 **Rates and Charges** (Cont'd)

The rates and charges for the provision of additional copies of the customer's monthly access service bill are as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Rates</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>(B) Additional copies of the customer's monthly bill or service features record via electronic data transmission,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- per record transmitted using the T-Tran system</td>
<td>ICB</td>
<td>ICB</td>
</tr>
<tr>
<td>- per record transmitted using the Network Data Mover (NDM) system</td>
<td>$0.0009</td>
<td>N/A</td>
</tr>
<tr>
<td>(C) Additional Copies of the customer’s monthly bill or service and features record in standard paper format</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- per page</td>
<td>$0.06</td>
<td></td>
</tr>
<tr>
<td>- per customer request</td>
<td>$4.55</td>
<td></td>
</tr>
</tbody>
</table>

13.2 **Controller Arrangement**

This arrangement enables the customer to control up to 48 transfer functions at a Telephone Company central office via a CPE remote keyboard terminal. The Controller Arrangement must be located in the same Telephone Company central office as the transfer functions which it controls.

Transfer Arrangements for the service(s) being transferred, e.g., Voice Grade, Wideband and Digital Data Special Access Service, are required in addition to the Controller Arrangement in order to obtain a complete operational service.

A dial-up data station located at the central office is included as part of the Controller Agreement to provide access to the Controller Arrangement. The dial-up data station consists of a data set and an appropriate Telephone Company provided intrabuilding channel. The arrangement is capable of either 300 or 1200 bps operation.

**Monthly Rate**

Controller Arrangement, each ICB rates and charges apply
13. **Miscellaneous Services (Cont'd)**

13.3 **Standard Jacks**

Standard jacks are provided by the Telephone Company to connect Registered Equipment to those services subject to the Registration Program as set forth in Technical Reference Publication AS No. 1. The use of jacks is covered in Part 68 of the FCC's Rules and Regulations. Specific jacks are described in the document on file with the FCC entitled "Descriptions of Standard Registration Program Connection Configurations Supplementing Configurations Described in Subpart F of Part 68 of the FCC's Rules and Regulations."

Standard jacks are also provided by the Telephone Company to connect equipment to those services not subject to the Registration Program as set forth in Part 68 of the FCC's Rules and Regulations.

These jacks are used to terminate services provided by the Telephone Company. Other services or facilities provided by the Telephone Company or by others may also be terminated in any spare capacity of the jacks remaining after installation without additional charge for the use of such capacity.

The nonrecurring charges, which include installation, for standard jacks and their typical uses are set forth following:

13.3.1 **Standard Voice Jacks**

(A). **Miniature Six-Position Jacks**

<table>
<thead>
<tr>
<th>Description</th>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Single line bridged 4-wire exchange.</td>
<td>RJ1DC</td>
<td>$5.33</td>
</tr>
<tr>
<td>(T/R,T1,R1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2) Single line 2-wire, surface.</td>
<td>RJ11C</td>
<td>$5.48</td>
</tr>
<tr>
<td>(T/R)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3) Single line, 2-wire, wall.</td>
<td>RJ11W</td>
<td>$11.01</td>
</tr>
<tr>
<td>(T/R)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4) Two line, 2-wire, surface.</td>
<td>RT14C</td>
<td>$6.31</td>
</tr>
<tr>
<td>(T1/R1,T2/R2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5) Two line 2-wire, wall.</td>
<td>RJ14W</td>
<td>$11.50</td>
</tr>
<tr>
<td>(T1/R1, T2/R2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(6) Two line, 2-wire, sliding cover.</td>
<td>RJ14X</td>
<td>$12.70</td>
</tr>
<tr>
<td>(T1/R2, T2/R2, T2)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### ACCESS SERVICE

13. **Miscellaneous Services (Cont'd)**

13.3 **Standard Jacks (Cont'd)**

#### 13.3.1 **Standard Voice Jacks (Cont'd)**

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A). Miniature Six-Position Jacks (Cont'd)</td>
<td></td>
</tr>
<tr>
<td>(7) Single line, 2-wire 9.0 db Data, with Mode Indication leads. (T/R, M1/M1C)</td>
<td>RJ16X</td>
</tr>
<tr>
<td>(8) Single line, 2-wire special, for hospital use. (T/R)</td>
<td>RJ17C</td>
</tr>
<tr>
<td>(9) Single line, 2-wire with Make Busy leads surface. (T/R, MB/MB1)</td>
<td>RJ18C</td>
</tr>
<tr>
<td>(10) Single line, 2-wire, with Make Busy leads wall. (T/R, MB/MB1)</td>
<td>RJ18W</td>
</tr>
<tr>
<td>(11) Three line, 2-wire. (T1/R1, T2/R2, T3/R3)</td>
<td>RJ25C</td>
</tr>
</tbody>
</table>

| (B) Miniature 8-Position Jacks | |
| (1) Single line, 2-wire/4-wire, E & M Type I/II (4, 6 or 8 wire interface) (T/R, T1/R1, E/M, SB/SG) | RJ1CX | $15.48 |
| (2) Single line, series, alarm reporting. (T/R, T1/R1) | RJ31X | $21.72 |
| (3) Single line, series, alarm reporting, with continuity circuit. (T/R, T1/R1, CY1/CY2) | RJ38X | $16.33 |
| (4) Four line, 2-wire. (T1/R1, T2/R2, T3/R3, T4/R4) | RJ61X | $15.48 |

| (C) Weatherproof Jacks | |
| (1) Single line, for use in locations such as boats and marinas. (T/R, G) | RJ15C | $27.33 |
### ACCESS SERVICE

#### 13. Miscellaneous Services (Cont'd)

#### 13.3 Standard Jacks (Cont'd)

#### 13.3.1 Standard Voice Jacks (Cont'd)

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>(D) Miniature 50-Position Ribbon Connector Jacks</td>
<td></td>
</tr>
<tr>
<td>(1) 4-wire, 12 line capacity. (4-wire interface, T/R, T1/R1)</td>
<td>RJ2DX</td>
</tr>
<tr>
<td>(2) 2-wire, E &amp; M, Type I, 12 line capacity. (4-wire interface, T/R, E/M)</td>
<td>RJ2EX</td>
</tr>
<tr>
<td>(3) 2-wire, E &amp; M, Type I, 8 line capacity. (6-wire interface, T/R, E/M, SB/SG)</td>
<td>RJ2FX</td>
</tr>
<tr>
<td>(4) 4-wire, E &amp; M, Type I, 8 line capacity. (6-wire interface, T/R, T1/R1, E/M)</td>
<td>RJ2GX</td>
</tr>
<tr>
<td>(5) 4-wire, E &amp; M, Type II, 6 line capacity. (8-wire interface, T/R, T1/R1, E/M, SB/SG)</td>
<td>RJ2HX</td>
</tr>
<tr>
<td>(6) 2-wire, make-busy, 12 line capacity. (4-wire interface, T/R, MB/MB1)</td>
<td>RJ2MB</td>
</tr>
<tr>
<td>(7) 2-wire, 25 line capacity. (2-wire interface, T/R)</td>
<td>RJ21X</td>
</tr>
<tr>
<td>(8) 2-wire, series, 12 line capacity. (4-wire interface, T/R IN, T/R OUT)</td>
<td>RJ71C</td>
</tr>
</tbody>
</table>

#### 13.3.2 Standard Analog Data Jacks

| (A) Miniature 8-position Jacks |
| (1) Single line, Universal Data. (T/R-FLL, T/R-PROG, M1/M1C, PR/PC) | RJ41S | $36.25 |
| (2) Single line, Programmed Data. (T/R-PROG, M1/M1C, PR/PC) | RJ45S | $26.72 |
| (3) Single line, Programmed Data, with Make-busy leads. (T/R-PROG, MB1/MB2, PR/PC) | RJ4MB | $19.74 |
## ACCESS SERVICE

13. **Miscellaneous Services** (Cont'd)

13.3 **Standard Jacks** (Cont'd)

13.3.2 **Standard Analog Data Jacks** (Cont'd)

### (B) Multiple Miniature 8-Position Jacks

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring USOC Charge</th>
</tr>
</thead>
</table>

(1) Multiple mounting arrangement for Universal Data Jacks, 8 line capacity. Requires 1 RJ41S 8-Position Jack for each line. (T/R-FLL, T/R-PROG, M1/M1C, PR/PC) Requires RJM2X 103-type mounting apparatus. (1 for up to 16 RJ41S jacks)

(2) Multiple mounting arrangement for Programmed Data Jacks, 8 line capacity. Requires 1 RJ45S 8-Position Jack for each line. (T/R-PROG, M1/M1C, PR/PC) Requires RJM2X 103-type mounting apparatus. (1 for up to 16 RJ45S jacks)

### (C) Miniature 50-Position Ribbon Connector Jacks

(1) Multiple interface for Universal Data, 8 line capacity. Requires 1 data circuit pack for each line. Requires 1 of the following mounting kits.
- Wall mount
  - RJM3X $43.33
- Rack mount
  - RJM4X $20.63

(2) Multiple interface for Programmed Data, 8 line capacity. Requires 1 RJ45S 8-Position Jack for each line. Requires RJM2X 103-type mounting apparatus. (1 for up to 16 RJ45S jacks) Requires 1 RJA5X Adapter cord for every 8 circuits.
ACCESS SERVICE

13. Miscellaneous Services (Cont'd)

13.3 Standard Jacks (Cont'd)

13.3.2 Standard Analog Data Jacks (Cont'd)

(D) Related Jack Installation Equipment

(1) 103-type mounting apparatus, for use with up to 16 RJ45S jacks

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJM2X</td>
<td>$184.16</td>
</tr>
</tbody>
</table>

(2) Adapter cord

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJA5X</td>
<td>$42.20</td>
</tr>
</tbody>
</table>

13.3.3 Non-Registration Analog Data Jacks

(A) Miniature 8-Position Keyed Data Jack for Private Line Analog Data Circuits

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>JM8</td>
<td>$19.74</td>
</tr>
</tbody>
</table>

13.3.4 Registration Digital Data Jacks

(A) Miniature 8-Position Nonkeyed Data Jacks

(1) Single 1.544 Mbps Digital line (T/R, T1/R1)

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJ48C</td>
<td>$22.18</td>
</tr>
</tbody>
</table>

(2) Single Digital Data Access line (T/R, T1/R1)

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJ48S</td>
<td>$11.76</td>
</tr>
</tbody>
</table>

(B) Miniature 50-Position Data Jacks

(1) Multiple 1.544 Mbps Digital line, 12 line capacity. (T/R, T1/R1)

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJ48H</td>
<td>$63.35</td>
</tr>
</tbody>
</table>

(2) Multiple 1.544 Mbps Digital line 8 line capacity. (T/R, T1/R1)

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJ48M</td>
<td>$22.18</td>
</tr>
</tbody>
</table>

(3) Multiple Digital Data Access lines 12 line capacity. (T/R, T1/R1)

<table>
<thead>
<tr>
<th>USOC</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJ48T</td>
<td>$29.58</td>
</tr>
</tbody>
</table>
13. **Miscellaneous Services (Cont'd)**

### 13.4 Protective Connecting Arrangements

The following Protective Connecting Arrangement (PCA) is grandfathered and is provided only where already in place in accordance with Part 68 of the Commission's rules:

<table>
<thead>
<tr>
<th>Description</th>
<th>Monthly Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic PCA used to connect Telephone Company Switched Access Service</td>
<td>$11.24</td>
<td>$168.86</td>
</tr>
<tr>
<td>arranged for two-way combination service to and from the attendant position</td>
<td></td>
<td></td>
</tr>
<tr>
<td>and from the dial switching equipment of a CPE system.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 13.5 Individual Case Filings

Rates and Charges for items of Miscellaneous Service are filed following:

<table>
<thead>
<tr>
<th>Case No.</th>
<th>Customer</th>
<th>Description</th>
<th>Monthly Rates</th>
<th>Non-Recurring Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>84002</td>
<td>AT&amp;T Communications</td>
<td>T-Tran Exchange of CABS billing data - Per record transmitted</td>
<td>$6,110.00</td>
<td></td>
</tr>
<tr>
<td>85011</td>
<td>ITT World Communications</td>
<td>Magnetic Tape of CABS billing data one time only, 1 tape</td>
<td>$52.88</td>
<td></td>
</tr>
</tbody>
</table>
ACCESS SERVICE

14. RESERVED
ACCESS SERVICE

15. RESERVED
16. **Special Access Service Individual Case Basis Filings**

16.1 **Individual Case Filings for Special Access**

Rates and Charges for Special Access Service provided on an individual case basis are filed following:
ACCESS SERVICE

17. RESERVED
ACCESS SERVICE

18. RESERVED
19. Packet Switched Data Network Service (PSDN)(1)

19.1 General

Packet Switched Data Network Service (PSDN) utilizes packet switching technology and digital transmission facilities to provide economical common user switched data transport for bursty traffic of X.25 and X.75 protocols, (as defined by the Consultative Committee for International Telephone and Telegraph-CCITT).

With packet switching technology, data streams are packetized and then moved through the network to their destinations. The packet network examines, routes and transports packets individually without maintaining a physical path between bursts of data. In this way, greater volumes can be transported through shared network transmission facilities and individual data packets can be sent on alternate routes as the need arises, resulting in better system performance and higher network availability. The reduction in network facilities results in a more economical form of data transport for interactive applications.

19.1.1 PSDN Access Arrangements

Customers connect directly to a Telephone Company provided Packet Switched port connection at a X.25 or X.75 protocol via dedicated Special Access Digital Data facilities, as described in Section 7.15, at speeds of either 9.6 or 56 Kbps.

Non-tariff rates apply when data exchanged between equipment using the asynchronous protocol and equipment using the X.25 or X.75 protocol takes place.

Shared Network Arrangements are not permitted with PSDN Service.

19.1.2 Terms and Conditions

The regulations, rates and charges specified herein are specific to the Packet Switched Data Network (PSDN) Service and are in addition to regulations contained in General Regulations Section 2 and Special Access Section 7.

(1) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
19. Packet Switched Data Network Service (PSDN) (Cont'd)

19.1 General (Cont'd)

19.1.2 Terms and Conditions

The regulations, rates and charges specified herein are specific to the Packet Switched Data Network (PSDN) Service and are in addition to regulations contained in General Regulations Section 2 and Special Access Section 7.

(A) Credit Allowances

In cases of an interruption not due to the negligence of the customer, allowance for the period of interruption shall be as follows:

(1) Usage

A credit allowance does not apply for usage (kilosegments).

(2) Optional Features

If the service experiencing an interruption includes associated optional features being billed monthly recurring rates, credit for the associated features will be billed at the rate of 1/30th of the applicable monthly rates for each period of 24 hours or major fraction thereof that the interruption continues.

(3) Monthly Flat Rated Services

No credit shall be allowed for an interruption of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for each period of 30 minutes, or major fraction thereof, that the interruption continues.

(4) Service Guarantees

Service Installation Guarantees, as set forth in Section 2.11.6 and Service Maintenance Guarantees, as set forth in Section 2.12.2(F), apply to the Special Access Digital Data Service.

(1) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
ACCESS SERVICE

19. Packet Switched Data Network Service (PSDN) (Cont'd)

19.1 General (Cont'd)

19.1.3 Customer Obligations

When ordering PSDN service offered under this Guide the customer must provide the following information.

(1) The number and location of port connections desired, including estimated usage for each port connection.

(2) The initial set of software features and functions for each port connection.

(3) The transmission speed for each port connection and digital data channel.

19.1.4 Special Facilities Routing

The services provided under this Guide are provided over such routes and facilities as the Telephone Company may select. Special Facilities Routing requirements requested by the customer will be on an individual case basis, as specified in Section 11.

(1) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
ACCESS SERVICE

19. Packet Switched Data Network Service (PSDN) (Cont'd)\(^{(1)}\)

19.1 General (Cont'd)

19.1.5 Rate Elements

The following rate elements apply to PSDN:

(A) Digital Data Channels

Digital channels are suitable for duplex transmission of synchronous digital signals of transmission speeds of 9.6 or 56 kilobits per second (Kbps) and are used to connect customer premises directly to a port of the designated packet switch at either a X.25 or X.75 protocol. Rate elements for Digital Data Channels are defined in section 7.15.

A Channel Service Unit (CSU) will be provided by the customer as specified in Section 7.15.2.

(B) Port Connection

Connections are made directly to the Telephone Company packet switch by means of a dedicated port connection. Port connections operate at transmission speeds of 9.6 Kbps of 56 Kbps in support of X.25 or X.75 digital interfaces.

(C) Network Usage

Usage (or traffic) is measured in the number of kilosegments transported within a packet through the Telephone Company provided Packet Switched Data Network. For billing purposes, the monthly usage is based on kilosegments and such charges are billed to the customer responsible for the connection over which the kilosegments are transported.

Customers are neither charged for segments generated internally by the network for the acknowledgment of information packets, nor are customers charged for any segments which are retransmitted by a network packet switch upon detection of a transmission error.

\(^{(1)}\) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
ACCESS SERVICE

19. Packet Switched Data Network Service (PSDN) (Cont’d)(1)

19.1 General (Cont’d)

19.1.6 Optional Software Features

(A) Call Redirection

Call Redirection is a feature permitting a virtual call to be established to a pre-specified alternate address if a destination address is not available.

(B) Multiple Port Hunt Group

Multiple Port Hunt Group allows the customer with two or more port connections on the same packet switch to have all of those port connections arranged as a hunt group.

(C) Software Parameter Change Charge

Software Parameter Change Charge feature is a nonrecurring charge applied when the customer orders any change of software parameter after service has been established. One charge applied per port connection for each order, regardless of the number of software parameter changes requested by the customer for that port connection.

(1) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
ACCESS SERVICE

19. Packet Switched Data Network Service (PSDN) (Cont'd)\(^{(1)}\)

19.1 General (Cont'd)

19.1.7 Descriptions of Rates and Charges

There are two types of rates and charges which apply to PSDN Service. They are monthly recurring rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth below.

(A) Monthly Rates

Monthly Rates are either (1) fixed recurring rates that apply each month, or fraction thereof, when a specific service is provided; or (2) usage sensitive rates that apply on a per unit basis, e.g., kilosegment, when a specific service is used.

(B) Nonrecurring Charges

A nonrecurring charge is a one-time charge that applies for a specific work activity (i.e., installation of a service or rearrangement of an existing service).

(1) Installation

The nonrecurring charges for the installation of each service are set forth in Sections 7.15 and 19.1.8.

(2) Service Rearrangement

Changes from one existing service to another is considered a service rearrangement and will be treated as the discontinuance of the existing service and the installation of a new service. The nonrecurring charges described in 1. preceding will apply for this work.

(3) Moves

Moves that change the physical location of the point of termination are described in Section 2.11.5(E).

\(^{(1)}\) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
19. Packet Switched Data Network Service (PSDN) (Cont'd)(1)

19.1 General (Cont'd)

19.1.8 Application of Rates and Charges

(A) Digital Data Channels

Rates and charges for 9.6 Kbps and 56 Kbps Digital Data Channels are found in Section 7.15.

(B) Port Connection

<table>
<thead>
<tr>
<th>Transmission Speed</th>
<th>Protocol Interface</th>
<th>Monthly Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.6 Kbps</td>
<td>X.25</td>
<td>$195.00</td>
<td>$473.23</td>
</tr>
<tr>
<td>9.6 Kbps</td>
<td>X.75</td>
<td>$195.00</td>
<td>$473.23</td>
</tr>
<tr>
<td>56 Kbps</td>
<td>X.25</td>
<td>$600.00</td>
<td>$473.23</td>
</tr>
<tr>
<td>56 Kbps</td>
<td>X.75</td>
<td>$600.00</td>
<td>$473.23</td>
</tr>
</tbody>
</table>

(1) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
19. Packet Switched Data Network Service (PSDN) (Cont’d)

19.1 General (Cont’d)

19.1.8 Application of Rates and Charges (Cont’d)

(C) Network Usage Charge

(1) Peak Hour Usage Rates apply to kilosegments transported between the hours of 7:00 AM to 6:00 PM Monday through Friday and excluding the holidays specified in Off-Peak Hour Rate in (2) following.

<table>
<thead>
<tr>
<th>Usage Level/ Peak Hour Rate</th>
<th>Rate Per Kilosegment</th>
</tr>
</thead>
<tbody>
<tr>
<td>First 1 - 500</td>
<td>$0.35</td>
</tr>
<tr>
<td>Next 501 - 2300</td>
<td>$0.32</td>
</tr>
<tr>
<td>Next 2301 - 4200</td>
<td>$0.28</td>
</tr>
<tr>
<td>Next 4201 - 6100</td>
<td>$0.25</td>
</tr>
<tr>
<td>Next 6101 + Over</td>
<td>$0.20</td>
</tr>
</tbody>
</table>

(2) The Off-Peak Hour Usage Rate applies to the total number of kilosegments transported other than from 7:00 AM to 6:00 PM, Monday through Friday. The Off-Peak Hour Usage Rate also will apply to the 24 hour period during holidays of New Year’s Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

<table>
<thead>
<tr>
<th>Usage Level/ Peak Hour Rate</th>
<th>Rate Per Kilosegment</th>
</tr>
</thead>
<tbody>
<tr>
<td>First 1 - 500</td>
<td>$0.35</td>
</tr>
<tr>
<td>First 01 - 6100</td>
<td>$0.15</td>
</tr>
<tr>
<td>Next 6101 + Over</td>
<td>$0.08</td>
</tr>
</tbody>
</table>

(1) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
19. Packet Switched Data Network Service (PSDN) (Cont'd)\(^{(1)}\)

19.1 General (Cont'd)

19.1.8 Application of Rates and Charges (Cont'd)

(D) **Extended Term Service Plan**

Extended Term Service Plans provide the option for customers to subscribe to a selected level of usage volume at a guaranteed rate. This rate is based upon the peak hour rates shown in section 19.2.8(C)(1) of this Guide. Four plans, which apply to peak usage only, are available under the following terms and conditions:

1. If the customer does not generate the committed level of usage during a given month, they will be billed for the committed usage level. Usage generated above that level will be billed at the applicable plan rate.

2. A customer may change their usage commitment level at any time to be effective at the beginning of the next billing period.

3. The following rates apply to each payment plan:

<table>
<thead>
<tr>
<th>Plan</th>
<th>Minimum Usage Billed</th>
<th>Minimum Monthly Rate Level</th>
<th>Payment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>501 KS</td>
<td>$0.32</td>
<td>$160.00</td>
</tr>
<tr>
<td>2</td>
<td>2,301 KS</td>
<td>0.28</td>
<td>$645.00</td>
</tr>
<tr>
<td>3</td>
<td>4,201 KS</td>
<td>0.25</td>
<td>$1,050.00</td>
</tr>
<tr>
<td>4</td>
<td>6,101 KS</td>
<td>0.20</td>
<td>$1,220.00</td>
</tr>
</tbody>
</table>

\(^{(1)}\) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
ACCESS SERVICE

19. Packet Switched Data Network Service (PSDN) (Cont'd)

19.1 General (Cont'd)

19.1.8 Application of Rates and Charges (Cont'd)

<table>
<thead>
<tr>
<th>(E)</th>
<th>Optional Software Features</th>
<th>Monthly Rates</th>
<th>Nonrecurring Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Call Redirection, Per Redirect</td>
<td>N/A</td>
<td>$60.00</td>
</tr>
<tr>
<td>(2)</td>
<td>Multiple Port Hunt Group Per Group</td>
<td>N/A</td>
<td>$60.00</td>
</tr>
<tr>
<td>(3)</td>
<td>Software Parameter Change Per Occurrence</td>
<td>N/A</td>
<td>$60.00</td>
</tr>
</tbody>
</table>

A Nonrecurring charge does not apply when a feature is included on the initial Port Connection service installation service order. A Software Change charge will apply to subsequent changes except that no charge will apply to a discontinuance of the feature.

(1) As of October 6, 2004, PSDN service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.
ACCESS SERVICE

20. RESERVED
ACCESS SERVICE

21. RESERVED
ACCESS SERVICE

22. RESERVED
23. Operating Territory of the Frontier Telephone Companies

23.1 Competitive Counties

23.1.1 General

Counties and county-equivalents within the Telephone Company’s operating territories are either Competitive or Non-Competitive for the purposes of pricing Special Access Services. The Special Access rates in this Guide apply to Competitive Counties.

Rates and charges for Competitive rate elements are provided in Section 24, and for Non-Competitive rate elements, the rates and charges are provided in Section 7.

23.1.2 Rate Regulations

The application of rates and charges for Special Access services, as provided in Section 7, is based upon the county classification as Competitive or Non-Competitive, as provided in section 7.4. A list of Competitive Counties is located in Section 23.1.3.

Section 69.801(d) of the FCC’s rules defines a “Grandfathered market” as “[a] county that does not satisfy the competitive market test set forth in § 69.803 for which a price cap local exchange carrier obtained Phase II relief pursuant to § 69.711(c).” Pursuant to Section 69.807(c) of the FCC’s rules, for the CLLI Codes in grandfathered markets, a new rate element "Grandfathered Market" has been created for the Nonrecurring charge (NRC) under section 24. “Grandfathered Market” rate will be applicable for such Nonrecurring charges (NRC).
## ACCESS SERVICE

23. Operating Territory of the Frontier Telephone Companies

23.1 Competitive Counties

23.1.3 Competitive Counties

<table>
<thead>
<tr>
<th>State</th>
<th>County</th>
<th>Wire Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT</td>
<td>Fairfield</td>
<td>BRPTCT01</td>
</tr>
<tr>
<td>CT</td>
<td>Fairfield</td>
<td>BRPTCT03</td>
</tr>
<tr>
<td>CT</td>
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<td>BRFDCT00</td>
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<tr>
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<td>DARNCT00</td>
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<tr>
<td>CT</td>
<td>Hartford</td>
<td>FRTNCT00</td>
</tr>
</tbody>
</table>
## ACCESS SERVICE

### 23. Operating Territory of the Frontier Telephone Companies

#### 23.1 Competitive Counties (Cont’d)

#### 23.1.3 Competitive Counties (Cont’d)

<table>
<thead>
<tr>
<th>State</th>
<th>County</th>
<th>Wire Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT</td>
<td>Hartford</td>
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</tr>
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<td>CT</td>
<td>Hartford</td>
<td>GLBYCT00</td>
</tr>
<tr>
<td>CT</td>
<td>Hartford</td>
<td>GRNBCT00</td>
</tr>
<tr>
<td>CT</td>
<td>Hartford</td>
<td>HFRRCT03</td>
</tr>
<tr>
<td>CT</td>
<td>Hartford</td>
<td>HFRRCT03</td>
</tr>
<tr>
<td>CT</td>
<td>Hartford</td>
<td>HFRRCT03</td>
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<tr>
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</tr>
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<tr>
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</tr>
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<td>NWBRCT00</td>
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</tr>
<tr>
<td>CT</td>
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<td>CT</td>
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<tr>
<td>CT</td>
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</tr>
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</table>
## ACCESS SERVICE

### 23. Operating Territory of the Frontier Telephone Companies

#### 23.1 Competitive Counties (Cont'd)

#### 23.1.3 Competitive Counties (Cont'd)

<table>
<thead>
<tr>
<th>State</th>
<th>County</th>
<th>Wire Center</th>
</tr>
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<tbody>
<tr>
<td>CT</td>
<td>Litchfield</td>
<td>TRTNCT00</td>
</tr>
<tr>
<td>CT</td>
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<td>WASHTC00</td>
</tr>
<tr>
<td>CT</td>
<td>Litchfield</td>
<td>WTTWC00</td>
</tr>
<tr>
<td>CT</td>
<td>Litchfield</td>
<td>WNSTC00</td>
</tr>
<tr>
<td>CT</td>
<td>Middlesex</td>
<td>CLTNCT00*</td>
</tr>
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<td>CT</td>
<td>Middlesex</td>
<td>CRWLCT00*</td>
</tr>
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<td>CT</td>
<td>Middlesex</td>
<td>DPRVCT00*</td>
</tr>
<tr>
<td>CT</td>
<td>Middlesex</td>
<td>DRHMCT00*</td>
</tr>
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<td>CT</td>
<td>Middlesex</td>
<td>EHTNCT00*</td>
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<td>Middlesex</td>
<td>ESSXCT00*</td>
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<td>HGNC00*</td>
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<td>MDTWC00*</td>
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<tr>
<td>CT</td>
<td>Middlesex</td>
<td>MODSCT00*</td>
</tr>
<tr>
<td>CT</td>
<td>Middlesex</td>
<td>OLSYCT00*</td>
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<td>CT</td>
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<td>MDSNCT01</td>
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<td>NWHNCT03</td>
</tr>
<tr>
<td>CT</td>
<td>New Haven</td>
<td>NWHNCT03</td>
</tr>
</tbody>
</table>

*These CLLI codes/Wire Centers are in Grandfathered Markets*
## ACCESS SERVICE

### 23. Operating Territory of the Frontier Telephone Companies

#### 23.1 Competitive Counties (Cont’d)

#### 23.1.3 Competitive Counties (Cont’d)

<table>
<thead>
<tr>
<th>State</th>
<th>County</th>
<th>Wire Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT</td>
<td>New Haven</td>
<td>EHVNCT00</td>
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<tr>
<td>CT</td>
<td>New Haven</td>
<td>WSTVCT00</td>
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<td>CT</td>
<td>New Haven</td>
<td>NBFRCT00</td>
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<td>NHVNCT00</td>
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<td>CT</td>
<td>New Haven</td>
<td>ORNGCT00</td>
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<td>CT</td>
<td>New Haven</td>
<td>PRSPCT00</td>
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<tr>
<td>CT</td>
<td>New Haven</td>
<td>SYMRCT00</td>
</tr>
<tr>
<td>CT</td>
<td>New Haven</td>
<td>SOBYCT00</td>
</tr>
<tr>
<td>CT</td>
<td>New Haven</td>
<td>WLFRCT00</td>
</tr>
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<td>CT</td>
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<td>WTRBCT00</td>
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<td>CT</td>
<td>New Haven</td>
<td>WSHNCT00</td>
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<td>CT</td>
<td>New Haven</td>
<td>WLCTCT00</td>
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<td>CT</td>
<td>Tolland</td>
<td>CLMACT00</td>
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<td>CT</td>
<td>Tolland</td>
<td>CNTYCT00</td>
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<tr>
<td>CT</td>
<td>Tolland</td>
<td>RKVLCT00</td>
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<td>STSPCT00</td>
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<td>CT</td>
<td>Tolland</td>
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<td>PLFDCT00</td>
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<td>CT</td>
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<td>PTNMCT00</td>
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<td>THSNCT00</td>
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<tr>
<td>CT</td>
<td>Windham</td>
<td>WLMNCT00</td>
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<tr>
<td>CT</td>
<td>Windham</td>
<td>WDISTCT00</td>
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</tbody>
</table>
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24. Metropolitan Statistical Area Access Services

24.1 General Description

(A) This section of the tariff provides the regulations, rates, and terms and conditions that apply to telecommunications services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission’s Rules. MSAs are divided into the categories below:

(1) Full Service MSAs

Full Service Relief MSAs are those MSAs which qualified for Phase II pricing flexibility for all elements of service, such as local channels (channel terminations) between LEC end offices and customer (end user) premises; entrance facilities; local channels (channel terminations) between an Interexchange carrier’s point of presence and a serving wire center. The Full Service Relief MSAs are set forth in Section 24.2(A), following.

(2) Limited Service MSAs

Limited Service Relief MSAs are those MSAs that qualified for Phase II pricing flexibility for all elements of service except local channels (channel terminations) between LEC end offices and customer (end user) premises. The Limited Service MSAs are set forth in Section 24.2(B), following.

(B) The services provided in MSAs pursuant to this section of the Service Guide are set forth in Section 24.3, following. These services are comparable to the SWA Dedicated Transport Services in Sections 6.3.1(A), 6.3.1(B), 6.3.1(E), 17 and the Special Access Services in Section 7. The general regulations, service descriptions, and rate regulations for the SWA Dedicated Transport Services in Sections 6 and 17 and the Special Access Services in Sections 7 also apply to the services specified in this section, except as provided below.

An exception in 24.4(F) applies for term pricing plans.

(C) Unless otherwise provided for in this section, regulations set forth in Sections 1, 2, 5, and 8 also apply.
24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.2 **Metropolitan Statistical Areas**

(A) Full Service Relief MSAs are listed below:

<table>
<thead>
<tr>
<th>State</th>
<th>MSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecticut</td>
<td>Hartford</td>
</tr>
</tbody>
</table>

(B) Limited Service Relief MSAs are listed below:

<table>
<thead>
<tr>
<th>State</th>
<th>MSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecticut</td>
<td>Bridgeport</td>
</tr>
<tr>
<td>Connecticut</td>
<td>New Haven</td>
</tr>
<tr>
<td>Connecticut</td>
<td>New London</td>
</tr>
</tbody>
</table>

24.3 **Services Available in an MSA**

The following services are available in MSAs with Full and Limited Service Relief:

<table>
<thead>
<tr>
<th>Special Access</th>
<th>Switched Access/Dedicated Transport</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice Grade Service</td>
<td>Voice Grade</td>
</tr>
<tr>
<td>Program Audio Service</td>
<td>DS1</td>
</tr>
<tr>
<td>Video Service</td>
<td>DS3</td>
</tr>
<tr>
<td>Digital Data Service</td>
<td>SS7</td>
</tr>
<tr>
<td>High Capacity Service</td>
<td></td>
</tr>
</tbody>
</table>
24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.4 **Rate Regulations**

(A) Figure 1 illustrates services provided totally from an MSA located in a Full Service Relief Area. The rates and charges for all associated rate elements for services in a Full Service Relief Area are contained in Section 24.5, following. Figure 1: Full Service Relief Area

**Figure 1: Full Service Relief Area**

---

**Diagram Description:**

- **IXC POP**
- **Local Channel**
  - (Channel Term or Entrance Facility)
  - Full Service Relief Area Pricing
- **Serving Wire Center**
- **Serving Wire Center or End Office**
  - Optional Features
    - Full Service Relief Area Pricing
- **End User Location**
  - IO Circuit or Direct-Trunked Transport
  - Full Service

---
24. Metropolitan Statistical Area Access Services (Cont'd)

24.4 Rate Regulations (Cont'd)

(B) Figure 2 illustrates services provided within an MSA located in a Limited Service Relief Area. The rates and charges for all associated rate elements for services in a Limited Service Relief Area are contained in Section 24.5, except for the local channels (channel terminations) between a LEC end office and a customer (end user) premise, which are referenced in Section 7 of this Guide.

Figure 2: Limited Service Relief Area
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.4 Rate Regulations (Cont'd)

(C) Figure 3 illustrates a service provided from two MSAs—one MSA located in a Full Service Relief Area and one MSA located in a Limited Service Relief Area. The rates and charges for local channels and optional features located in the Full Service Relief Area are located in section 24.4(A). The rates and charges for local channels and optional features located in the Limited Service Relief Area are located in section 24.4(B). Interoffice channels between a Full Service Relief Area and a Limited Service Relief Area are rated the same as that of an interoffice channel in a Limited Service Relief Area, and rates and charges are identified in section 24.4(B), preceding.

Figure 3: Full Service Relief and Limited Service Relief Areas
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.4 Rate Regulations (Cont'd)

(D) Figure 4 illustrates a service provided from two MSAs—one MSA located in a Full Service Relief Area and one MSA located in a Non-Relief Area. The rates and charges for local channels and optional features located in the Full Service Relief Area are located in section 24.4(A), preceding. Interoffice channels between a Full Service Relief Area and a Non-Relief Area are rated the same as that of an interoffice channel in a Non-Relief Area. Rates and charges for local channels, interoffice channels, and optional features in a Non-Relief Area are in Sections 6.3.1(A), 6.3.1(B), 6.3.1(E), 7, and 17 of this Guide.

Figure 4: Full Service Relief and Non-Relief Service Areas
24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.4 **Rate Regulations** (Cont'd)

(E) Figure 5 illustrates a service provided from two MSAs—one MSA located in a Limited Service Relief Area and one located in a Non-Relief Area. The rates and charges for local channels and optional features located in the Limited Service Relief Area are in section 24.4(B) preceding. Interoffice channels between a Limited Service Relief Area and a Non-Relief Area are rated the same as that of an interoffice channel in a Non-Relief Area. Rates and charges for local channels, interoffice channels, and optional features in a Non-Relief Area are obtained in Sections 6.3.1(A), 6.3.1(B), 6.3.1(E), 7, and 17 of this Guide.

Figure 5: Limited Service Relief and Non-Relief Service Areas
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.4 Rate Regulations (Cont'd)

(F) Term Pricing Plan

For the purpose of Metropolitan Statistical Area Access Service, the following plan applies when referring to Term Pricing Plans:

- Optional Payment Plan (OPP)
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24. Metropolitan Statistical Area Access Services (Cont'd)
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont’d)

24.5 Rates and Charges (Cont’d)

24.5.2 Special Access Services

24.5.2.1 Voice Grade Special Access Services

<table>
<thead>
<tr>
<th>(A) Channel Termination</th>
<th>Monthly Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Voice Grade (per channel)</td>
<td></td>
<td></td>
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<tr>
<td>- 2-wire</td>
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<td></td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$32.00</td>
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<tr>
<td>- 4-wire</td>
<td>$54.41</td>
<td>$801.77</td>
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<tr>
<td>Grandfathered Market</td>
<td></td>
<td>$641.41</td>
</tr>
<tr>
<td>Two-wire, Per point of termination</td>
<td>$31.94</td>
<td>$335.43</td>
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<tr>
<td>Grandfathered Market</td>
<td></td>
<td>$268.34</td>
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<tr>
<td>Four-wire, Per point of termination</td>
<td>$45.63</td>
<td>$371.00</td>
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<td>Grandfathered Market</td>
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<td>$296.80</td>
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<table>
<thead>
<tr>
<th>(B) Channel Mileage - Monthly Rates</th>
<th>Fixed</th>
<th>Per Mile</th>
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<tr>
<td>0</td>
<td>None</td>
<td>None</td>
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<td>Over 0</td>
<td>$22.82</td>
<td>$1.68</td>
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<table>
<thead>
<tr>
<th>(C) Optional Features and Functions</th>
<th>Monthly Rate</th>
<th>Nonrecurring Charge</th>
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</thead>
<tbody>
<tr>
<td>C Conditioning</td>
<td>$6.01</td>
<td>None</td>
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<tr>
<td>Improved Attenuation Distortion</td>
<td>$1.44</td>
<td>None</td>
</tr>
<tr>
<td>Improved Return Loss, Two-wire</td>
<td>$1.77</td>
<td>None</td>
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<tr>
<td>Improved Return Loss, Four-wire</td>
<td>$1.77</td>
<td>None</td>
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<tr>
<td>Sealing Current Conditioning</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Data Capability</td>
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<td>$159.14</td>
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<tr>
<td>- Per point of termination</td>
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<td>$127.31</td>
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<tr>
<td>Telephoto Capability</td>
<td>$8.30</td>
<td>$161.76</td>
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<tr>
<td>- Per point of termination</td>
<td></td>
<td>$129.41</td>
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</table>
## ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

### 24.5 Rates and Charges (Cont'd)

#### 24.5.2 Special Access Services (Cont'd)

##### 24.5.2.1 Voice Grade Special Access Services (Cont'd)

(C) Optional Features and Functions (Cont'd)

<table>
<thead>
<tr>
<th>Description</th>
<th>Monthly Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer Premises Terminating Options</td>
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<tr>
<td>Customer Specified Receive Level</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Signal Capability</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Per point of termination</td>
<td>$1.77</td>
<td>None</td>
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</table>

Bridging

<table>
<thead>
<tr>
<th>Description</th>
<th>Monthly Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice, Per port</td>
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<td></td>
</tr>
<tr>
<td>- Two-Wire</td>
<td>$5.07</td>
<td>None</td>
</tr>
<tr>
<td>- Four-Wire</td>
<td>$5.07</td>
<td>None</td>
</tr>
<tr>
<td>Data, Per port</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Two-Wire</td>
<td>$5.07</td>
<td>None</td>
</tr>
<tr>
<td>- Four-Wire</td>
<td>$5.07</td>
<td>None</td>
</tr>
<tr>
<td>Telephoto, Per port</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Two-Wire</td>
<td>$5.07</td>
<td>None</td>
</tr>
<tr>
<td>- Four-Wire</td>
<td>$5.07</td>
<td>None</td>
</tr>
<tr>
<td>Data Station Termination Unit (DST)</td>
<td>$20.70</td>
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</table>
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.2 WATS Access Line Service (WAL Service)

(A) Channel Terminations
   Per point of termination
   - Two-wire voice grade  The rates and charges are the same as for Voice Grade Service
   - Four-wire voice grade  The rates and charges are the same as for Voice Grade Service.

(B) Channel Mileage
   - Two or four wire  The rates and charges are the same as for Voice Grade Service.

(C) Optional Features and Functions

   Signaling Capability
   Per point of termination  The rates and charges are the same as for Voice Grade Signaling Capability.

   Bridging
   Two-wire, Per port  The rates and charges are the same as for Voice Grade Bridging.

   Four-wire, Per port  The rates and charges are the same as for Voice Grade Bridging.

   Improved Two-Wire Transmission  No additional charge.
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### 24. Metropolitan Statistical Area Access Services (Cont'd)

#### 24.5 Rates and Charges (Cont'd)

##### 24.5.2 Special Access Services (Cont'd)

###### 24.5.2.3 Program Audio Special Access Service

**(A)** Channel Terminations

<table>
<thead>
<tr>
<th>Per point of termination</th>
<th>Monthly Rate</th>
<th>Daily Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rate</td>
<td>Rate</td>
<td>Charge</td>
</tr>
<tr>
<td>AP1 (200 to 3500 Hz)</td>
<td>$20.00</td>
<td>$1.50</td>
<td>$250.51</td>
</tr>
<tr>
<td>AP2 (100 to 5000 Hz)</td>
<td>$25.00</td>
<td>$2.50</td>
<td>$250.51</td>
</tr>
<tr>
<td>AP3 (50 to 8000 Hz)</td>
<td>$8.63</td>
<td>$2.67</td>
<td>$250.51</td>
</tr>
<tr>
<td>AP4 (50 to 15000 Hz)</td>
<td>$33.52</td>
<td>$4.06</td>
<td>$250.51</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td></td>
<td>$200.41</td>
</tr>
</tbody>
</table>

**(B)** Channel Mileage

<table>
<thead>
<tr>
<th>AP1 (200 to 3500 Hz)</th>
<th>Monthly Rate</th>
<th>Daily Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mileage Bands</td>
<td>Fixed</td>
<td>Per Mile</td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$13.80</td>
<td>$1.84</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AP2 (100 to 5000 Hz)</th>
<th>Monthly Rate</th>
<th>Daily Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mileage Bands</td>
<td>Fixed</td>
<td>Per Mile</td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$20.70</td>
<td>$2.55</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>AP3 (50 to 8000 Hz)</th>
<th>Monthly Rate</th>
<th>Daily Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mileage Bands</td>
<td>Fixed</td>
<td>Per Mile</td>
</tr>
<tr>
<td>0</td>
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<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$12.42</td>
<td>$2.89</td>
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</table>

<table>
<thead>
<tr>
<th>AP4 (50 to 15000 Hz)</th>
<th>Monthly Rate</th>
<th>Daily Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mileage Bands</td>
<td>Fixed</td>
<td>Per Mile</td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$31.05</td>
<td>$4.96</td>
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</table>
## ACCESS SERVICE

24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.5 **Rates and Charges** (Cont'd)

24.5.2 **Special Access Services** (Cont'd)

24.5.2.3 **Program Audio Special Access Service** (Cont'd)

### Optional Features and Functions

<table>
<thead>
<tr>
<th>Optional Feature</th>
<th>Monthly Rate</th>
<th>Daily Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>- AP1 (200 to 3500 Hz)</td>
<td>$20.00</td>
<td>$1.50</td>
<td>$250.51</td>
</tr>
<tr>
<td>- Grandfathered Market Bridging Per distribution amplifier port</td>
<td>$11.09</td>
<td>$1.13</td>
<td>None</td>
</tr>
<tr>
<td>Gain Conditioning Per service</td>
<td>$23.40</td>
<td>$2.34</td>
<td>$262.56</td>
</tr>
<tr>
<td>- Grandfathered Market</td>
<td></td>
<td></td>
<td>$210.05</td>
</tr>
<tr>
<td>Stereo Per service</td>
<td>$30.25</td>
<td>$3.01</td>
<td>$297.04</td>
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<tr>
<td>- Grandfathered Market</td>
<td></td>
<td></td>
<td>$237.63</td>
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</table>
24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.5 **Rates and Charges** (Cont'd)

24.5.2 **Special Access Services** (Cont'd)

24.5.2.4 **Video Special Access Service**

(A) **Video Service**

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Monthly Rate</th>
<th>Daily Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP1 (200 to 3500 Hz)</td>
<td>$20.00</td>
<td>$1.50</td>
<td>$250.51</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$200.41</td>
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<td>$200.41</td>
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</tbody>
</table>

(B) **Channel Mileage** - Recurring Rates by Mileage Band

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Monthly Rate</th>
<th>Daily Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broadcast Video</td>
<td>$400.95</td>
<td>$200.00</td>
<td>$312.50</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td></td>
<td>$250.00</td>
</tr>
</tbody>
</table>

- Multichannel Video Service(1)
  - First Four Channels: $1,000.00, $780.00, $0.00
  - Additional Four Channels: $350.00, $280.00, $0.00

(B) Effective August 25, 2011, MVS is no longer available to new customers. There is no change for existing customers.
### ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.4 Video Special Access Service (Cont'd)

(C) Optional Features & Functions

<table>
<thead>
<tr>
<th>Video Switching Arrangements</th>
<th>Monthly Rate</th>
<th>Daily Rate</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Per Broadcast Port</td>
<td>$30.00</td>
<td>$30.00</td>
<td>None</td>
</tr>
<tr>
<td>- Switch Capability</td>
<td>$50.00</td>
<td>$50.00</td>
<td>None</td>
</tr>
<tr>
<td>- per Virtual Switch</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Video Bridging Arrangement</th>
<th>Monthly Rate</th>
<th>3 Year Rate</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Per Broadcast Port</td>
<td>$75.00</td>
<td>$75.00</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MVS WDM Feature</th>
<th>Monthly Rate</th>
<th>3 Year Rate</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$70.00</td>
<td>$55.00</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MVS Bridging</th>
<th>Monthly Rate</th>
<th>Daily Rate</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Per Port</td>
<td>$20.00</td>
<td>$14.00</td>
<td>None</td>
</tr>
</tbody>
</table>

| MVS Repeater                 | $600.00      | $460.00    | None|
24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.5 **Rates and Charges** (Cont'd)

24.5.2 **Special Access Services** (Cont'd)

24.5.2.5 **Digital Data Special Access Service**

(A) **Channel Terminations**

<table>
<thead>
<tr>
<th>Channel Terminations</th>
<th>Monthly Rates</th>
<th>Nonrecurring Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA1 (2.4 kbps)</td>
<td>$114.07</td>
<td>$909.22</td>
</tr>
<tr>
<td>DA2 (4.8 kbps)</td>
<td>$114.07</td>
<td>$909.22</td>
</tr>
<tr>
<td>DA3 (9.6 kbps)</td>
<td>$114.07</td>
<td>$909.22</td>
</tr>
<tr>
<td>DA4 (56.0 kbps)</td>
<td>$159.69</td>
<td>$909.22</td>
</tr>
<tr>
<td>DA6 (64.0 kbps)</td>
<td>$159.69</td>
<td>$909.22</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$727.38</td>
<td>(C)</td>
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</table>

Optional Payment Plans

<table>
<thead>
<tr>
<th>Channel Terminations</th>
<th>1 Year</th>
<th>3 Year</th>
<th>5 Year</th>
<th>Nonrecurring Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA4 (56.0 kbps)</td>
<td>$97.75</td>
<td>$60.00</td>
<td>$55.00</td>
<td>$956.84</td>
</tr>
<tr>
<td>DA6 (64.0 kbps)</td>
<td>$97.75</td>
<td>$60.00</td>
<td>$55.00</td>
<td>$956.84</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td></td>
<td></td>
<td>$765.48</td>
</tr>
</tbody>
</table>
24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.5 Digital Data Special Access Service (Cont'd)

(B) Channel Mileage - Monthly Rates – All DDS Services

<table>
<thead>
<tr>
<th>Mileage Bands</th>
<th>All DDS Services</th>
<th>DA4 (56.0 kbps)</th>
<th>DA6 (64.0 kbps)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fixed</td>
<td>Per Mile</td>
<td>Fixed</td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$60.84</td>
<td>$2.36</td>
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Optional Payment Plans:

<table>
<thead>
<tr>
<th>Mileage Bands</th>
<th>1 Year</th>
<th>3 Year</th>
<th>5 Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DA4 (56.0 kbps)</td>
<td>DA6 (64.0 kbps)</td>
<td>DA4 (56.0 kbps)</td>
</tr>
<tr>
<td></td>
<td>Fixed</td>
<td>Per Mile</td>
<td>Fixed</td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>$1.00</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$25.00</td>
<td>$0.80</td>
<td>$15.00</td>
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</table>
## ACCESS SERVICE

24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.5 **Rates and Charges** (Cont'd)

24.5.2 **Special Access Services** (Cont'd)

24.5.2.5 **Digital Data Special Access Service** (Cont'd)

### (C) Optional Features and Functions

<table>
<thead>
<tr>
<th>Feature</th>
<th>Monthly Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridging, Per port</td>
<td>$27.92</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Secondary Channel Capability</th>
<th>Monthly Rate</th>
<th>Nonrecurring Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Per point of termination</td>
<td>$11.15</td>
<td>$11.25</td>
</tr>
<tr>
<td>- Grandfathered Market</td>
<td>$  9.00</td>
<td>$332.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rate</th>
<th>Initial</th>
<th>Subsequent</th>
</tr>
</thead>
<tbody>
<tr>
<td>$11.15</td>
<td>$11.25</td>
<td>$415.00</td>
</tr>
<tr>
<td>$  9.00</td>
<td>$  9.00</td>
<td>$332.00</td>
</tr>
</tbody>
</table>
24. **Metropolitan Statistical Area Access Services (Cont'd)**

24.5 **Rates and Charges (Cont'd)**

24.5.2 **Special Access Services (Cont'd)**

24.5.2.6 **High Capacity Special Access Service**

(A) **Standard Channel Termination**

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Zone 1</th>
<th>Zone 2</th>
<th>Zone 3</th>
<th>Grandfathered Market</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS1 (1.544 Mbps)</td>
<td>$210.28</td>
<td>$223.50</td>
<td>$235.41</td>
<td>$948.89</td>
</tr>
<tr>
<td>1 YR-OPP Plan**†</td>
<td>$173.71</td>
<td>$184.63</td>
<td>$194.47</td>
<td>$948.89</td>
</tr>
<tr>
<td>3 YR-OPP Plan**†</td>
<td>$135.15</td>
<td>$143.65</td>
<td>$151.30</td>
<td>$948.89</td>
</tr>
<tr>
<td>5 YR-OPP Plan**†</td>
<td>$119.25</td>
<td>$126.75</td>
<td>$133.50</td>
<td>$948.89</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$759.12</td>
<td>$759.12</td>
<td>$759.12</td>
<td>$759.12</td>
</tr>
</tbody>
</table>

- Re-termination to Expanded Interconnection DS1 cross-connect
  - N/A $312.44
- Grandfathered Market
  - $249.95 (C)
24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

(A) Standard Channel Termination (Cont'd)
Per point of termination

<table>
<thead>
<tr>
<th>Service Details</th>
<th>All Zones Monthly Rates</th>
<th>All Zones Nonrecurring Charges</th>
<th>Grandfathered Market Monthly Rates</th>
<th>Grandfathered Market Nonrecurring Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Month to Month Service</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (128 Kbps)</td>
<td>$158.70</td>
<td>$991.88</td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (256 Kbps)</td>
<td>$171.93</td>
<td>$991.88</td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (384 Kbps)</td>
<td>$185.15</td>
<td>$991.88</td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (512 Kbps)</td>
<td>$185.15</td>
<td>$991.88</td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (768 Kbps)</td>
<td>$185.15</td>
<td>$991.98</td>
<td>$793.50</td>
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</tr>
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</table>
## ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

<table>
<thead>
<tr>
<th>(A) Standard Channel Termination (Cont'd)</th>
<th>Monthly Rates</th>
<th>Nonrecurring Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fractions Termination</td>
<td>1-Year OPP Plan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(C)</td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (128 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$138.00</td>
<td>$991.88</td>
</tr>
<tr>
<td></td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (256 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$142.60</td>
<td>$991.88</td>
</tr>
<tr>
<td></td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (384 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$152.95</td>
<td>$991.88</td>
</tr>
<tr>
<td></td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (512 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$152.95</td>
<td>$991.88</td>
</tr>
<tr>
<td></td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (768 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$152.95</td>
<td>$991.88</td>
</tr>
<tr>
<td></td>
<td>$793.50</td>
<td></td>
</tr>
</tbody>
</table>
## ACCESS SERVICE

24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.5 **Rates and Charges** (Cont'd)

24.5.2 **Special Access Services** (Cont'd)

24.5.2.6 **High Capacity Special Access Service** (Cont'd)

### (A) Standard Channel Termination (Cont'd)

<table>
<thead>
<tr>
<th>Per point of termination</th>
<th>Monthly Rates</th>
<th>Nonrecurring Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3-Year OPP Plan</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (128 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$108.00</td>
<td>$991.88</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td>$793.50</td>
</tr>
<tr>
<td>Fractional DS1 (256 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$117.00</td>
<td>$991.88</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td>$793.50</td>
</tr>
<tr>
<td>Fractional DS1 (384 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$126.00</td>
<td>$991.88</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td>$793.50</td>
</tr>
<tr>
<td>Fractional DS1 (512 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$126.00</td>
<td>$991.88</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td>$793.50</td>
</tr>
<tr>
<td>Fractional DS1 (768 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$126.00</td>
<td>$991.88</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td>$793.50</td>
</tr>
</tbody>
</table>
## ACCESS SERVICE

24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.5 **Rates and Charges** (Cont'd)

24.5.2 **Special Access Services** (Cont'd)

24.5.2.6 **High Capacity Special Access Service** (Cont'd)

(A) **Standard Channel Termination** (Cont'd)

<table>
<thead>
<tr>
<th>Per point of termination</th>
<th>Monthly Rates</th>
<th>Nonrecurring Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5-Year OPP Plan</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (128 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$102.00</td>
<td>$991.88</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (256 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$111.00</td>
<td>$991.88</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (384 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$119.00</td>
<td>$991.88</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (512 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$119.00</td>
<td>$991.88</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$793.50</td>
<td></td>
</tr>
<tr>
<td>Fractional DS1 (768 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>$119.00</td>
<td>$991.88</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$793.50</td>
<td></td>
</tr>
</tbody>
</table>
24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

(A) Standard Channel Termination (Cont'd)

<table>
<thead>
<tr>
<th></th>
<th>Monthly Rates</th>
<th>Nonrecurring Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly(1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DS3 (44.736 Mbps)</td>
<td>Zone 1 $3,570.75</td>
<td>$2,934.91</td>
</tr>
<tr>
<td></td>
<td>Zone 2 $3,703.00</td>
<td>$2,934.91</td>
</tr>
<tr>
<td></td>
<td>Zone 3 $3,835.25</td>
<td>$2,934.91</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td></td>
<td>$2,347.93</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Monthly Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS3 (44.736 Mbps)</td>
<td>Zone 1 $3,570.75</td>
</tr>
<tr>
<td></td>
<td>Zone 2 $3,703.00</td>
</tr>
<tr>
<td></td>
<td>Zone 3 $3,835.25</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$2,347.93</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>1-Year Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS3 (44.736 Mbps)</td>
<td>Zone 1 $2,645.00</td>
</tr>
<tr>
<td></td>
<td>Zone 2 $2,760.00</td>
</tr>
<tr>
<td></td>
<td>Zone 3 $2,875.00</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$2,347.93</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>3-Year Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS3 (44.736 Mbps)</td>
<td>Zone 1 $1,025.00</td>
</tr>
<tr>
<td></td>
<td>Zone 2 $1,050.00</td>
</tr>
<tr>
<td></td>
<td>Zone 3 $1,150.00</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$2,347.93</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>5-Year Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS3 (44.736 Mbps)</td>
<td>Zone 1 $925.00</td>
</tr>
<tr>
<td></td>
<td>Zone 2 $975.00</td>
</tr>
<tr>
<td></td>
<td>Zone 3 $1,000.00</td>
</tr>
<tr>
<td>Grandfathered Market</td>
<td>$2,347.93</td>
</tr>
</tbody>
</table>

- Re-termination to Expanded Interconnection DS3 cross-connect N/A $400.06 (C)
- Grandfathered Market $320.05 (C)

(1) This option will no longer be available for new circuits provisioned on or after, December 19, 2003.
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

(A) Standard Channel Termination (Cont'd)
Per point of termination

Rollover Charges:
Per DS1 rearrangement\(^{(2)}\)

\[
\begin{array}{ccc}
\text{All Zones} & $201.99 & (C) \\
\text{Grandfathered Market} & $161.58 & \\
\end{array}
\]

Per DS3 rearrangement

\[
\begin{array}{ccc}
\text{All Zones} & $305.83 & \\
\text{Grandfathered Market} & $244.66 & (C) \\
\end{array}
\]

\(\text{If a test of DS0 circuits that connect to the DS1 circuit is requested at the time of rollover, then a rearrangement charge per DS0 circuit tested will apply.}\)
## Access Service

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

### (B) Channel Mileage

<table>
<thead>
<tr>
<th>DS1 (1.544 Mbps) Zone 1</th>
<th>Monthly</th>
<th>1 YR OPP</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mileage Bands</strong></td>
<td><strong>Fixed</strong></td>
<td><strong>Per Mile</strong></td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$92.58</td>
<td>$23.38</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DS1 (1.544 Mbps) Zone 1</th>
<th>3 YR OPP</th>
<th>5 YR OPP</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mileage Bands</strong></td>
<td><strong>Fixed</strong></td>
<td><strong>Per Mile</strong></td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$59.50</td>
<td>$14.88</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DS1 (1.544 Mbps) - Zone 2</th>
<th>Monthly</th>
<th>1 YR OPP*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mileage Bands</strong></td>
<td><strong>Fixed</strong></td>
<td><strong>Per Mile</strong></td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$105.80</td>
<td>$25.79</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DS1 (1.544 Mbps) - Zone 2</th>
<th>3 YR OPP</th>
<th>5 YR OPP</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mileage Bands</strong></td>
<td><strong>Fixed</strong></td>
<td><strong>Per Mile</strong></td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$68.00</td>
<td>$16.58</td>
</tr>
</tbody>
</table>
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

(B) Channel Mileage (Cont'd)

<table>
<thead>
<tr>
<th>Mileage Bands</th>
<th>DS1 (1.544 Mbps) Zone 3</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Monthly Fixed Per Mile</td>
<td>1 YR OPP Fixed</td>
<td>1 YR OPP Per Mile</td>
</tr>
<tr>
<td>0</td>
<td>None None</td>
<td>None None</td>
<td>None None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$112.41 $29.10</td>
<td>$92.86 $24.04</td>
<td>(C)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mileage Bands</th>
<th>DS1 (1.544 Mbps) Zone 3</th>
<th>3 YR OPP</th>
<th>5 YR OPP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Monthly Fixed Per Mile</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>None None</td>
<td>None None</td>
<td>None None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$72.25 $18.70</td>
<td>$63.75 $16.50</td>
<td></td>
</tr>
</tbody>
</table>

Fractional DS1 (128 Kbps)

<table>
<thead>
<tr>
<th>Mileage Bands</th>
<th>Monthly Fixed Per Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Zones</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>None None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$99.19 $12.57</td>
</tr>
</tbody>
</table>

Fractional DS1 (256 Kbps)

<table>
<thead>
<tr>
<th>Mileage Bands</th>
<th>Monthly Fixed Per Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Zones</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>None None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$99.19 $17.60</td>
</tr>
</tbody>
</table>
24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

(B) Channel Mileage (Cont'd)

<table>
<thead>
<tr>
<th>Mileage Bands</th>
<th>All Zones</th>
<th>Monthly</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>Fixed</td>
</tr>
<tr>
<td>Fractional DS1 (384 Kbps)</td>
<td>None</td>
<td>$99.19</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>None</td>
</tr>
<tr>
<td>Fractional DS1 (512 Kbps)</td>
<td>None</td>
<td>$99.19</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>None</td>
</tr>
<tr>
<td>Fractional DS1 (768 Kbps)</td>
<td>None</td>
<td>$99.19</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>None</td>
</tr>
</tbody>
</table>
### ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

<table>
<thead>
<tr>
<th>Channel Mileage (Cont'd)</th>
<th>1-Year Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fixed</td>
</tr>
<tr>
<td>Fractional DS1 (128 Kbps)</td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$82.80</td>
</tr>
</tbody>
</table>

| Fractional DS1 (256 Kbps) |            |            |
| All Zones                | None        | None       |
| Over 0                   | $82.80      | $14.20     |

| Fractional DS1 (384 Kbps) |            |            |
| All Zones                | None        | None       |
| Over 0                   | $82.80      | $18.57     |
## ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

### 24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

### (B) Channel Mileage (Cont'd)

<table>
<thead>
<tr>
<th>Fractional DS1 (512 Kbps)</th>
<th>1-Year Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fixed</td>
</tr>
<tr>
<td>Mileage Bands</td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$82.80</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fractional DS1 (768 Kbps)</th>
<th>1-Year Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fixed</td>
</tr>
<tr>
<td>Mileage Bands</td>
<td></td>
</tr>
<tr>
<td>All Zones</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$82.80</td>
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</table>
## ACCESS SERVICE

### 24. Metropolitan Statistical Area Access Services (Cont'd)

#### 24.5 Rates and Charges (Cont'd)

##### 24.5.2 Special Access Services (Cont'd)

###### 24.5.2.6 High Capacity Special Access Service (Cont'd)

#### (B) Channel Mileage (Cont'd)

<table>
<thead>
<tr>
<th>Fractional DS1 (128 Kbps)</th>
<th>Mileage Bands</th>
<th>3-Year Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Fixed</td>
</tr>
<tr>
<td>Zone 1</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>$67.00</td>
</tr>
<tr>
<td>Zone 2</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>$67.00</td>
</tr>
<tr>
<td>Zone 3</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>$67.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fractional DS1 (256 Kbps)</th>
<th>Mileage Bands</th>
<th>3-Year Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Fixed</td>
</tr>
<tr>
<td>Zone 1</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>$67.00</td>
</tr>
<tr>
<td>Zone 2</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>$67.00</td>
</tr>
<tr>
<td>Zone 3</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>$67.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fractional DS1 (384 Kbps)</th>
<th>Mileage Bands</th>
<th>3-Year Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Fixed</td>
</tr>
<tr>
<td>Zone 1</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>$67.00</td>
</tr>
<tr>
<td>Zone 2</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>$67.00</td>
</tr>
<tr>
<td>Zone 3</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Over 0</td>
<td>$67.00</td>
</tr>
</tbody>
</table>
24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

(B) Channel Mileage (Cont'd)

<table>
<thead>
<tr>
<th>Fractional DS1 (512 Kbps)</th>
<th>Zone 1</th>
<th>Zone 2</th>
<th>Zone 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mileage Bands</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Fixed</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Per Mile</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$67.00</td>
<td>$67.00</td>
<td>$67.00</td>
</tr>
<tr>
<td>$15.20</td>
<td>$15.20</td>
<td>$15.20</td>
<td>$15.20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fractional DS1 (768 Kbps)</th>
<th>Zone 1</th>
<th>Zone 2</th>
<th>Zone 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mileage Bands</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Fixed</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Per Mile</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$67.00</td>
<td>$67.00</td>
<td>$67.00</td>
</tr>
<tr>
<td>$15.20</td>
<td>$15.20</td>
<td>$15.20</td>
<td>$15.20</td>
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</tbody>
</table>
## ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont’d)

24.5 Rates and Charges (Cont’d)

24.5.2 Special Access Services (Cont’d)

24.5.2.6 High Capacity Special Access Service (Cont’d)

(B) Channel Mileage (Cont’d)

<table>
<thead>
<tr>
<th>Mileage Bands</th>
<th>Fixed</th>
<th>Per Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fractional DS1 (128 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zone 1 Over 0</td>
<td>$64.00</td>
<td>$6.65</td>
</tr>
<tr>
<td>Over 0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Zone 2 Over 0</td>
<td>$64.00</td>
<td>$6.65</td>
</tr>
<tr>
<td>Over 0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Zone 3 Over 0</td>
<td>$64.00</td>
<td>$6.65</td>
</tr>
<tr>
<td>Over 0</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mileage Bands</th>
<th>Fixed</th>
<th>Per Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fractional DS1 (256 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zone 1 Over 0</td>
<td>$64.00</td>
<td>$10.45</td>
</tr>
<tr>
<td>Over 0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Zone 2 Over 0</td>
<td>$64.00</td>
<td>$10.45</td>
</tr>
<tr>
<td>Over 0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Zone 3 Over 0</td>
<td>$64.00</td>
<td>$10.45</td>
</tr>
<tr>
<td>Over 0</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mileage Bands</th>
<th>Fixed</th>
<th>Per Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fractional DS1 (384 Kbps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zone 1 Over 0</td>
<td>$64.00</td>
<td>$14.25</td>
</tr>
<tr>
<td>Over 0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Zone 2 Over 0</td>
<td>$64.00</td>
<td>$14.25</td>
</tr>
<tr>
<td>Over 0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Zone 3 Over 0</td>
<td>$64.00</td>
<td>$14.25</td>
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<tr>
<td>Over 0</td>
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## ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

### (B) Channel Mileage (Cont'd)

<table>
<thead>
<tr>
<th></th>
<th>Fixed</th>
<th>Per Mile</th>
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</thead>
<tbody>
<tr>
<td><strong>Fractional DS1 (512 Kbps)</strong></td>
<td></td>
<td></td>
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<tr>
<td>Zone 1</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Over 0</td>
<td>$64.00</td>
<td>$14.25</td>
</tr>
<tr>
<td>Zone 2</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$64.00</td>
<td>$14.25</td>
</tr>
<tr>
<td>Zone 3</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$64.00</td>
<td>$14.25</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th></th>
<th>Fixed</th>
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</tr>
</thead>
<tbody>
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<td><strong>Fractional DS1 (768 Kbps)</strong></td>
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<td>$64.00</td>
<td>$14.25</td>
</tr>
<tr>
<td>Zone 2</td>
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<td>None</td>
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<tr>
<td>Over 0</td>
<td>$64.00</td>
<td>$14.25</td>
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<tr>
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<tr>
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<td>$14.25</td>
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24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.5 **Rates and Charges** (Cont'd)

24.5.2 **Special Access Services** (Cont'd)

24.5.2.6 **High Capacity Special Access Service** (Cont'd)

<table>
<thead>
<tr>
<th>(B) Channel Mileage (Cont'd)</th>
<th>DS3 (44.736 Mbps) Zone 1</th>
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<tbody>
<tr>
<td>Mileage Bands</td>
<td>Monthly Rate(^{(1)})</td>
<td>Monthly Extension</td>
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<tr>
<td></td>
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<tr>
<td>0</td>
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<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$1,058.00</td>
<td>$132.25</td>
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</table>

<table>
<thead>
<tr>
<th>DS3 (44.736 Mbps) Zone 1</th>
<th>1 YR OPP(^{†})</th>
<th>3 YR OPP(^{†})</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mileage Bands</td>
<td>Fixed</td>
<td>Per Mile</td>
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<td>0</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Over 0</td>
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<td>$80.50</td>
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<thead>
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<th>DS3 (44.736 Mbps) Zone 1</th>
<th>5 YR OPP(^{†})</th>
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<tr>
<td>Over 0</td>
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<th>Monthly Rate(^{(1)})</th>
<th>Monthly Extension</th>
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<tbody>
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<td>Mileage Bands</td>
<td>Fixed</td>
<td>Per Mile</td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$1,124.13</td>
<td>$138.86</td>
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<table>
<thead>
<tr>
<th>DS3 (44.736 Mbps) Zone 2</th>
<th>1 YR OPP</th>
<th>3 YR OPP</th>
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</thead>
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<tr>
<td>Mileage Bands</td>
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<td>Per Mile</td>
</tr>
<tr>
<td>0</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$805.00</td>
<td>$86.25</td>
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<table>
<thead>
<tr>
<th>DS3 (44.736 Mbps) Zone 2</th>
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<tr>
<td>Mileage Bands</td>
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</tr>
<tr>
<td>Over 0</td>
<td>$475.00</td>
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ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

(B) Channel Mileage (Cont'd)

<table>
<thead>
<tr>
<th>DS3 (44.736 Mbps) Zone 3</th>
<th>Monthly Rate(^{(1)})</th>
<th>Monthly Extension</th>
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<tbody>
<tr>
<td>Mileage Bands</td>
<td>Fixed</td>
<td>Per Mile</td>
</tr>
<tr>
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<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Over 0</td>
<td>$1,190.25</td>
<td>$154.73</td>
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\[\text{Over 0} \text{ YR OPP}^\dagger\]

\[\text{Over 0} \text{ OPP}^\dagger\]

\[\text{Over 0} \text{ OPP}^\dagger\]

(1) This option will no longer be available for new circuits provisioned on or after, December 19, 2003.
### ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

(C) Optional Features and Functions

<table>
<thead>
<tr>
<th>Multiplexing</th>
<th>Monthly Rates</th>
<th>Nonrecurring Charges</th>
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<tbody>
<tr>
<td>Per arrangement</td>
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<table>
<thead>
<tr>
<th>DS3 to DS1</th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Monthly*</td>
<td>Zone 1 $1,058.00</td>
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<tr>
<td></td>
<td>Zone 2 $1,124.13</td>
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</tr>
<tr>
<td></td>
<td>Zone 3 $1,190.25</td>
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<table>
<thead>
<tr>
<th>DS3 to DS1</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly Extension</td>
<td>Zone 1 $1,058.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zone 2 $1,124.13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zone 3 $1,190.25</td>
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<table>
<thead>
<tr>
<th>DS3 to DS1</th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>1 Year Plan</td>
<td>Zone 1 $747.50</td>
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<td></td>
<td>Zone 2 $805.00</td>
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<td></td>
<td>Zone 3 $862.50</td>
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<table>
<thead>
<tr>
<th>DS3 to DS1</th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>3 Year Plan</td>
<td>Zone 1 $500.00</td>
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<td></td>
<td>Zone 2 $525.00</td>
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</tr>
<tr>
<td></td>
<td>Zone 3 $550.00</td>
<td>None</td>
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<table>
<thead>
<tr>
<th>DS3 to DS1</th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>5 Year Plan</td>
<td>Zone 1 $450.00</td>
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<td></td>
<td>Zone 2 $475.00</td>
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</tr>
<tr>
<td></td>
<td>Zone 3 $500.00</td>
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</tr>
</tbody>
</table>

* This option will no longer be available for new circuits provisioned on or after, December 19, 2003.
ACCESS SERVICE

24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

Multiplexing (Cont'd)
Per arrangement

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Monthly Rates</th>
<th>Nonrecurring Charges</th>
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<tbody>
<tr>
<td>DS1 to Voice*</td>
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<tr>
<td>Monthly</td>
<td>All Zones</td>
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<tr>
<td>1 Year Plan</td>
<td>All Zones</td>
<td>$223.96</td>
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<td>3 Year Plan</td>
<td>All Zones</td>
<td>$174.25</td>
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<tr>
<td>5 Year Plan</td>
<td>All Zones</td>
<td>$153.75</td>
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</tbody>
</table>

Clear Channel Capability
Per 1.544 Mbps High Capacity Service
- Installed coincident with the initial installation of service
  All Zones None None

- Installed subsequent to the installation of service
  All Zones None $331.09 (C)

* A channel of this DS1 to the Hub can be used for a Digital Data or Program Audio Service.
24. Metropolitan Statistical Area Access Services (Cont'd)

24.5 Rates and Charges (Cont'd)

24.5.2 Special Access Services (Cont'd)

24.5.2.6 High Capacity Special Access Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

<table>
<thead>
<tr>
<th>Optional Feature</th>
<th>Monthly Rates</th>
<th>Nonrecurring Charges</th>
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<tr>
<td>Enhanced Access Diversity EAD</td>
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<td></td>
</tr>
<tr>
<td>DS1 Option 1 - Zone 1</td>
<td>$12.00</td>
<td>None</td>
</tr>
<tr>
<td>DS1 Option 1 - Zone 2</td>
<td>$12.00</td>
<td>None</td>
</tr>
<tr>
<td>DS1 Option 1 - Zone 3</td>
<td>$12.00</td>
<td>None</td>
</tr>
<tr>
<td>DS1 Option 2 - Zone 1</td>
<td>$12.00</td>
<td>None</td>
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<tr>
<td>DS1 Option 2 - Zone 2</td>
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<td>None</td>
</tr>
<tr>
<td>DS1 Option 2 - Zone 3</td>
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<td>None</td>
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<tr>
<td>DS1 Option 3 - Zone 1</td>
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<td>DS3 Option 1 - Zone 3</td>
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<tr>
<td>DS3 Option 2 - Zone 1</td>
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<td>None</td>
</tr>
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<td>DS3 Option 2 - Zone 2</td>
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## Access Service

### Metropolitan Statistical Area Access Services (Cont'd)

#### Rates and Charges (Cont'd)

##### Special Access Services (Cont'd)

##### High Capacity Special Access Service (Cont'd)

#### Collocation Transport

<table>
<thead>
<tr>
<th>Monthly Rate</th>
<th>Nonrecurring Charges</th>
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<td>Fixed</td>
<td>Per Mile</td>
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<td>----------------------</td>
</tr>
<tr>
<td><strong>1.544 Mbps</strong></td>
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</tr>
<tr>
<td>Monthly</td>
<td>$79.20</td>
</tr>
<tr>
<td>1-Year OPP</td>
<td>$75.24</td>
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<tr>
<td>3-Year OPP</td>
<td>$67.32</td>
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<tr>
<td>5-Year OPP</td>
<td>$59.40</td>
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<tr>
<td><strong>44.736 Mbps</strong></td>
<td></td>
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<tr>
<td>Monthly*</td>
<td>$930.00</td>
</tr>
<tr>
<td>Monthly Extension</td>
<td>$930.00</td>
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<tr>
<td>1-Year OPP</td>
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<td>3-Year OPP</td>
<td>$660.00</td>
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<tr>
<td>5-Year OPP</td>
<td>$605.00</td>
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</table>

* This option will no longer be available for new circuits provisioned on or after December 19, 2003. There will be no change to existing circuits.
## 24. Metropolitan Statistical Area Access Services (Cont'd)

### 24.6 Wire Center Information

#### 24.6.1 MSAs with Limited Service Relief

<table>
<thead>
<tr>
<th>State</th>
<th>Wire Center CLLI</th>
<th>MSA Name</th>
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<tbody>
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<td>BRFDCT00</td>
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<tr>
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<td>DNRBCT00</td>
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## ACCESS SERVICE

### 24. Metropolitan Statistical Area Access Services (Cont'd)

#### 24.6 Wire Center Information (Cont'd)

##### 24.6.1 MSAs with Limited Service Relief (Cont'd)

<table>
<thead>
<tr>
<th>State</th>
<th>Wire Center CLLI</th>
<th>MSA Name</th>
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<tbody>
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<tr>
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24. Metropolitan Statistical Area Access Services (Cont'd)

24.6 Wire Center Information (Cont'd)

24.6.2 MSAs with Full Service Relief

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## ACCESS SERVICE

24. **Metropolitan Statistical Area Access Services** (Cont'd)

24.6  **Wire Center Information** (Cont'd)

24.6.2  **MSAs with Full Service Relief** (Cont'd)

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<th>State</th>
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</tr>
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<td>CT</td>
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<tr>
<td>CT</td>
<td>WTFDCT00</td>
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</tr>
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</table>
25. Pricing Flexibility Contract Offerings

Because the Service Offers made under Contract Offers Nos. 1 through 49, 51 through 53, and 57 have no current customers and are closed to new subscriptions as of the original effective date of this Guide, these offers have been deleted from this Guide and their corresponding sections contain no material.

This Section is separated into two subsections:

PART 1 describes Contract Tariff Offers that require concurrent subscription to one or more tariffs owned by AT&T. These Offers are jointly administered by AT&T and Frontier.

PART 2 describes Contract Tariff Offers that are administered solely by Frontier.

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs

This Section contains a list of the Pricing Flexibility Contract Offerings with concurrent subscriptions between AT&T Companies and The Southern New England Telephone Company (SNET). The SNET has been purchased by Frontier Communications and is no longer an AT&T company. Therefore, these offerings will be jointly administered by AT&T and Frontier. The existing rates, regulations, terms and conditions will remain in effect without change for the duration of the term.

25.1 through 25.49 These Contract Offers have been deleted.

25.50 See PART 2

25.51 through 25.53 These Contract Offers have been deleted.
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.54 Contract Offer No. 54 - DS1/DS3 Service Offer

25.54.1 General Description

This DS1, DS3 Service Offer (Contract Offer No. 54) is an access discount, pricing plan which concurrent subscription is required to the following Access Tariffs: Frontier Telephone Companies Tariff F.C.C. No. 11, Contract Offer No. 54, and Ameritech Operating Companies (Ameritech) Tariff F.C.C. No. 2, Contract Offer No. 207. The Telephone Company and Ameritech shall be identified herein as the “Qualified Companies.”

Contract Offer No. 54 requires eligible Customers to satisfy a Minimum Annual Revenue Commitment (MARC), as described in Section 25.54.5 herein. The MARC will consist of recurring revenues, in the aggregate, from all Subject Services and Non-Subject Services purchased from the Telephone Company and in the other Concurrently Subscribed Contract Offers. Subject Services and Non-Subject Services, as defined in Section 25.54.2, and in the other Concurrently Subscribed Contract Offer identified in Section 25.54.3, which are purchased from either of the Qualified Companies, may be referred to as “MARC Eligible Services.”

Contract Offer No. 54 will be available only from December 13, 2011 through January 13, 2012.

25.54.2 Subject Services and Non-Subject Services

MARC-Eligible services consist of both Subject Services, listed in Table A, below, and Non-Subject Services, listed in Table B, below, provided by the Qualified Companies and located within the “Operating Territory” of either of the Qualified Companies, as described in this Guide, Section 1 (Operating Territory), and Ameritech Tariff F.C.C. No. 2, Section 14 (Operating Territory), respectively.

(A) Subject Services are listed in Table A, below.

Table A - Subject Services

Subject Services

Interstate Special Access DS1 & DS3
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.54 Contract Offer No. 54 - DS1/DS3 Service Offer

25.54.2 Subject Services and Non-Subject Services (Cont’d)

(A) (Cont’d)

(1) Only those Subject Services that were initially ordered and purchased by the Customer under SNET Contract Offer Nos. 48 or 52 prior to Customer’s subscription to this Contract Offer, may be included in this Contract Offer. Subject Services will be referred to as “Existing Subject Services.”

(2) Subject Services that were not being purchased from the Telephone Company prior to its subscription to this Contract Offer will be referred to as “New Subject Services.”

(3) All terms and conditions for the Subject Services are governed by the respective tariff sections, except as provided to the contrary in this Contract Offer No. 54.

(4) All Subject Services must be located in MSAs for which the Telephone Company has been granted pricing flexibility relief, as listed in this Guide, Section 24.2, and additional MSAs listed in Table B, below. During the Term Period of this Contract Offer, if the Telephone Company is granted pricing flexibility relief in additional MSAs not listed in Section 21 or Table B at the time of subscription, the Customer may, at its option, include Subject Services provided in such additional MSAs in this Contract Offer No. 54, as described in 25.54.2, Table (A), herein, by providing written notice to the Telephone Company.

Table B

<table>
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<td>Bridgeport</td>
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<td>New London</td>
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ACCESS SERVICE

25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.54 Contract Offer No. 54 - DS1/DS3 Service Offer

25.54.2 Subject Services and Non-Subject Services (Cont’d)

(B) Non-Subject Services are listed in Table C, below.

Table C – Non-Subject Services

<table>
<thead>
<tr>
<th>Category</th>
<th>Non-Subject Services</th>
</tr>
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<tbody>
<tr>
<td>Interstate Special Access Services provided by the Telephone Company but not located in Pricing Flexibility Metropolitan Statistical Areas (MSAs), and any rate elements located in Pricing Flexibility MSAs but not subject to pricing flexibility relief.</td>
<td>DS1, DS3</td>
</tr>
<tr>
<td>Broadband Interstate Special Access</td>
<td>Optical Carrier Network Point-to-Point (OCN PTP), Dedicated SONET Ring Service (DSRS), 1G Dedicated Ethernet, 10G Dedicated Ethernet, Basic Switched Ethernet Service, and Ultimate Switched Ethernet Services¹</td>
</tr>
<tr>
<td>Intrastate Special Access</td>
<td>Intrastate services equivalent to the interstate services listed above as Subject Services</td>
</tr>
</tbody>
</table>

¹ OCN PTP, DSRS, 1G Dedicated Ethernet, 10G Dedicated Ethernet, Basic Switched Ethernet, and Ultimate Switched Ethernet services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission's Memorandum Opinion and Order No. 07-180 released October 12, 2007, services have been de-tariffed by the Telephone Company.
25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)**

25.54 **Contract Offer No. 54 - DS1/DS3 Service Offer**

25.54.3 **Eligibility Criteria**

The following Eligibility Criteria apply to this Contract Offer No. 54:

(A) In addition to subscribing to, and purchasing Subject Services from, this Contract Offer throughout the Term Period, the Customer must concurrently subscribe to, and purchase service from, the following contract offer: Ameritech Tariff F.C.C. No. 2, Contract Offer No. 207.

(B) Ameritech Tariff F.C.C. No. 2, Contract Offer No. 207 and this Contract Offer may be referred to as the “Concurrently Subscribed Contract Offers.” Any breach or termination of either of the Concurrently Subscribed Contract Offers shall be deemed to be a breach or termination of both of the Concurrently Subscribed Contract Offers.

(C) During the month prior to the Customer’s subscription to Concurrently Subscribed Contract Offers, the Customer must have been purchasing DS1 and DS3 interstate special access services from each of the Qualified Companies.

(D) The Customer’s subscription to, and purchase of, Subject Services from the Qualified Companies under the Concurrently Subscribed Contract Offers must include all of the Customer’s subsidiaries and affiliates.

(E) With the exception of the Concurrently Subscribed Contract Offers, the Customer shall not purchase special access services pursuant to any pricing flexibility contract offer, broadband services agreement, or other individually negotiated tariff or agreement that includes any minimum volume or revenue commitment (any such precluded tariffs or agreements hereafter referred to as an “Other Commitment Agreement”), unless the Other Commitment Agreement expressly refers to this Contract Offer, and expressly permits the Customer to purchase such services subject to both this Contract Offer and the Other Commitment Agreement. The word “purchase,” as used in the foregoing sentence, refers to the Customer obtaining or using any service in exchange for compensation, regardless of when the service was ordered or installed.
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.54 Contract Offer No. 54 - DS1/DS3 Service Offer

25.54.4 Terms and Conditions

The following Terms and Conditions apply to this Contract Offer No. 54:

(A) Subscription

To subscribe to this Contract Offer, the Customer must provide a signed Letter of Subscription (LOS) to the Telephone Company. The LOS shall list the ACNAs of the Customer and all such affiliates and subsidiaries (“Eligible ACNAs”). Services ordered or purchased under other ACNAs may not be transferred to, or otherwise included in, this Contract Offer, except as expressly provided herein.

(1) The Customer may purchase Subject Services pursuant to this Contract Offer under ACNAs other than Eligible ACNAs (“Other ACNAs”), and/or the Customer may transfer Subject Services from Other ACNAs to Eligible ACNAs, upon thirty (30) day written notice by the Customer. Subject Services purchased under, or transferred from, Other ACNAs shall be deemed to be New Subject Services upon their purchase under, or transfer to, this Contract Offer.

(2) If the Customer purchases Subject Services pursuant to this Contract Offer under Other ACNAs, and/or if services are transferred from Other ACNAs to Eligible ACNAs, the MARC shall be increased to reflect such purchase under, or inclusion in, this Contract Offer. The amount by which the MARC is increased shall be equal to the billed Monthly Recurring Charges (MRCs) applicable to the services included in, or transferred to, this Contract Offer from Other ACNAs times: (a) the number of months remaining in the current Term Year, for purposes of determining the MARC for the current Term Year, and/or (b) twelve (12), or purposes of determining the MARC for each Term Year thereafter.
25. **Pricing Flexibility Contract Offerings (Cont’d)**

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)**

25.54 **Contract Offer No. 54 - DS1/DS3 Service Offer**

25.54.4 **Terms and Conditions**

**(B) Term Period**

The term of this Contract Offer (Term Period) shall be five (5) years commencing on the date the Telephone Company receives the signed Letter of Subscription from the Customer ("Subscription Date"). This Contract Offer, including, without limitation, the issuance of credits pursuant to this Contract Offer, shall terminate upon the expiration of the Term Period. This Contract Offer is not renewable.

**(C) Purchases of the Subject Services are also subject to certain rates, charges and general terms and conditions in other sections of this Guide, set forth in Sections-General Regulations, 5-Ordering Options for Switched & Special Access Service, and 13-Testing Maintenance and Additional Labor Services, and such terms and conditions may be modified through filing tariff changes at any time during the Term Period. Any such modifications will not change the Terms and Conditions of Contract Offer No. 54.**

**(D) The Customer must subscribe to this Contract Offer in accordance with the regulations set forth in Section 5-Ordering Options for Switched Access and Special Access Services.**

**(E) Existing Subject Services (as defined in Section 25.54.2(A(1)) shall be eligible for credits under this Contract Offer beginning on the Subscription Date. New Subject Services (as defined in Section 25.54.2(A)(2)) shall be eligible for credits when placed in service.**

**(F) If the Customer subscribed to SNET Contract Offer Nos. 48 and/or 52 prior to the effective date of this Contract Offer, then: (i) this Contract Offer shall supersede Contract Offer Nos. 48 and/or 52, effective on the Subscription Date; (ii) SNET Contract Offer Nos., 48 and/or 52 shall be terminated without termination liability; and (iii) all Subject Services within the meaning of Contract Offer Nos. 48 and/or 52 and being purchased under either of the Contract Offers as of the Subscription Date shall become Existing Subject Services under this Contract Offer, as defined in Section 25.54.2(A).**
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.54 Contract Offer No. 54 - DS1/DS3 Service Offer

25.54.4 Terms and Conditions

(G) Service Term

Each Subject Service shall be subject to a twelve (12) month service term commitment, which shall begin as provided below (Service Term). Upon expiration of the Term Period of this Contract Offer, each Subject Service shall be provided for the remainder of the applicable Service Term, if any, according to the rates, terms and conditions applicable to a twelve (12) month term commitment pursuant to Section 7.16.4, as applicable.

(1) The Service Term for each Existing Subject Service shall begin on the date such Subject Service was placed in service, or began its existing commitment (that is, its term commitment prior to subscription to this Contract Offer), whichever is later.

(2) The Service Term for each New Subject Service shall begin on the date the Subject Service is placed in service.

(H) Incentive Credits

(1) DS1 Incentive Credits. Telephone Company will issue credits to the Customer in the amount of any termination liability charges paid by the Customer as a result of the disconnection of DS1 Subject Services during the Term Period, provided that all Terms and Conditions of this Contract Offer have been met.

(2) DS3 Incentive Credits. The Telephone Company will issue credits to the Customer in the amount of any termination liability charges paid by the Customer as a result of the disconnection of DS3 Subject Services during the Term Period, provided that any such DS3 Subject Service has been in service for a minimum of six (6) months as of the time of termination, and all Terms and Conditions of this Contract Offer have been met.

(3) Any applicable credits shall be applied to Customer’s bill sixty (60) days after termination of the circuit.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.54 Contract Offer No. 54 - DS1/DS3 Service Offer

25.54.4 Terms and Conditions

(I) Technology Upgrade

As long as the Customer meets all Terms and Conditions in Section 25.54.4, the Customer may purchase services which offer features based on upgraded technology from the Telephone Company to replace one or more Subject Services listed in Section 25.54.2, Table A. Once eligibility is determined, the Telephone Company shall waive termination penalties provided that the desired upgraded technology:

(1) Is comparable to existing Subject Services;

(2) Provides substantially the same functionality as the existing Subject Services;

(3) Customer agrees to purchase the upgraded technology for at least the remainder of the Term Period of this Contract Offer; and

(4) Any Existing Subject Service must have been in service for a minimum of twelve (12) months from its installation date to its disconnection date.

(J) Commingling is defined in Section 2.13. Commingling of Subject Services provided pursuant to this Contract Offer is prohibited.

25.54.5 Minimum Annual Revenue Commitment (MARC)

This Contract Offer requires the Customer to maintain a Minimum Annual Revenue Commitment (MARC) throughout the Term Period. Each period of three hundred sixty-five (365) days during the Term Period shall be known as a “Term Year,” and shall begin on the Subscription Date. Revenue contributing to the MARC shall consist of gross billed recurring revenue, after application of any discounts or credits applicable to those recurring revenues (other than those issued under the Concurrently Subscribed Contract Offers) and any adjustments for overbilling, under-billing and billing dispute settlements with respect to MARC Eligible Services (“MARC Revenue”). As clarification, but not to modify the foregoing sentence, Non-Recurring Charges (NRCs) shall not be included in MARC Revenue. The MARC will be as provided in Section 25.54.5(A).
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.54 Contract Offer No. 54 - DS1/DS3 Service Offer

25.54.5 Minimum Annual Revenue Commitment (MARC) (Cont’d)

(A) Minimum Annual Revenue Commitment

For the first year of the Term Period, the Customer's MARC shall be the greater of (i) five hundred thousand dollars ($500,000), or (ii) four (4) times the Customer's Monthly Recurring Revenue for MARC Eligible Services for the most recent three (3) months, rounded to the nearest thousand dollars ($1,000). For subsequent years during the Term Period, MARC shall be equal to the MARC applicable in the first year of the Term Period.

(B) Failure to Achieve the MARC

If, for any Term Year, the Customer fails to satisfy the MARC for any year of the Term Period, the Customer must choose one of the options below:

(1) The Customer shall pay a True-Up Payment as provided in Section 25.54.5 (C), below; or

(2) This Contract Offer will be terminated, in which case the Customer must pay termination liability charges as set forth in Section 25.54.9, following.

(C) Annual True-Up

The Telephone Company shall conduct an Annual True-Up as of the end of each Term Year. If, for any Term Year, the Customer's MARC Revenue is less than the MARC applicable during that Term Year, the Telephone Company will notify the Customer, and the Customer will be required to make a True-Up Payment equal to the difference between the Customer's MARC Revenue and the MARC for the relevant Term Year. The True-Up Payment will be due sixty (60) days after the Telephone Company provides notice to the Customer. The True-Up Payment will be calculated as follows:

Annual MARC - MARC Revenue = Amount of True-Up Payment

If the Customer fails to make a True-Up payment to the Telephone Company when due, the Customer shall be deemed to have terminated this Contract Offer and termination charges will apply, as set forth in Section 25.54.9, below.
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.54 Contract Offer No. 54 - DS1/DS3 Service Offer

25.54.6 Rates

(A) Table D, below, contains the effective rates for Subject Services under this Contract Offer No. 54. Any rate elements not listed in Table D will be provided at the applicable rates in Section 7. Each circuit element (Channel Termination / Local Distribution Channel (LDC) and Mileage) must be located entirely in the MSAs listed in Section 25.54.2(A) to be eligible for these rates.

(B) The Telephone Company will initially bill the Customer according to the otherwise applicable twelve (12) month Optional Payment Plan MRCs (“OPP MRCs”). The Customer will then be credited in an amount equal to the difference between the otherwise applicable OPP MRCs and the MRCs for the rate elements listed in Table D, below. Credits will be applied monthly in arrears. Taxes, if applicable, will be charged on the OPP MRC rates, but will not be included in the credits applied to the Customer’s bill.
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25. **Pricing Flexibility Contract Offerings (Cont’d)**

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)**

25.54 **Contract Offer No. 54 - DS1/DS3 Service Offer**

25.54.6 **Rates**

<table>
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<tr>
<th>Rate Elements</th>
<th>MRC</th>
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<td>DS3 Local Distribution Channel (LDC) w/electrical Interface</td>
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<td>DS3 Channel Mileage Termination (CMT) - Per Point of Termination</td>
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</tr>
<tr>
<td>DS3 Channel Mileage-Per Mile</td>
<td>$33.15</td>
</tr>
<tr>
<td>DS3 Interconnection-Central Office Multiplexing</td>
<td>$427.50</td>
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<tr>
<td>DS1 Channel Termination plus DS1 Channel Mileage 0 miles LDC (Bundled Rate)</td>
<td>$113.00</td>
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<td>DS1 Channel Termination plus DS1 Channel Mileage 1-10 miles (Fixed and per mile) LDC (Bundled Rate)</td>
<td>$185.00</td>
</tr>
<tr>
<td>DS1 Channel Termination plus DS1 Channel Mileage 11-20 miles (Fixed and per mile) LDC (Bundled Rate)</td>
<td>$225.00</td>
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</table>
25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)**

25.54 **Contract Offer No. 54 - DS1/DS3 Service Offer**

25.54.6 **Rates (Cont'd)**

(C) The Telephone Company shall waive the following Non-Recurring charges (NRCs) associated with the purchase of Subject Services:

1. **Design and Central Office Connection Charge per Circuit, Section 7;** and

2. **Customer Connection Charge per termination, Section 7.**

25.54.7 **Assignment/Transfer/Successors**

(A) Neither party shall assign or otherwise transfer without the prior written consent of the other party (which consent will not be unreasonably withheld or delayed) this Contract Offer No. 54. Customer may, without the Telephone Company’s consent, but upon notice to the Telephone Company, assign in whole or relevant part, its rights and obligations under this Contract Offer No. 54 to an Affiliate, but Customer will remain financially responsible for the performance of such obligations. The Telephone Company may, without Customer’s consent, assign in whole or relevant part, its rights and obligations under this Contract Offer No. 54 to an Affiliate, or subcontract to an Affiliate or a third party for work to be performed under this Contract Offer No. 54, but the Telephone Company will in each such case remain financially responsible for the performance of such obligations. “Affiliate” of a party means any entity that controls, is controlled by, or is under common control with, such party.

(B) Any assignment, other than as permitted by this Section 25.54.7(A), is void.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.54 Contract Offer No. 54 - DS1/DS3 Service Offer

25.54.8 Mergers/Acquisitions

All provisions of this Contract Offer No. 54 shall continue in full force and in effect, notwithstanding any merger or acquisition affecting a party. A merger or acquisition, within the meaning of this provision, shall include, without limitation, any transaction in which the party, in whole or in part, merges with, acquires, is acquired by, or sells all or substantially all its stock or assets to any other entity, or purchases all or substantially all stock or assets of another company. Upon the Transaction Close Date of a merger or acquisition, if another entity involved in the merger or acquisition purchases any service from any Telephone Company entity, such service shall not be included in this Contract Offer No. 54 for any purpose. The “Transaction Close Date” shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.
25. **Pricing Flexibility Contract Offerings** (Cont’d)

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont’d)

25.54 **Contract Offer No. 54 - DS1/DS3 Service Offer**

### 25.54.9 Termination Liability

Termination liability language, described below, applies in lieu of the termination liability language described in Section 2.11.1.1(B)(a). If the Customer terminates this Contract Offer before the completion of the Term Period for any reason, or fails to meet any of the eligibility criteria or any of the Terms and Conditions of this Contract Offer, the Customer must pay the Telephone Company termination liability charges as described in this Section. These charges shall become due as of the effective date of the termination. The Customer must provide written notification to the Telephone Company sixty (60) days prior to the desired date of termination.

The Customer’s termination liability charges shall be equal to: (i) fifty percent (50%) of the difference between the MARC Revenue and the MARC for the Term Year in which termination occurs, plus (ii) fifty percent (50%) of the MARC for the remaining Term Years in the Term Period and (iii) any Incentive Credits per Section 25.54.4.H paid to Customer prior to termination.

\[
\text{Termination Liability Charge} = 0.5 \times (\text{MARC} - \text{MARC Revenue}) + 0.5 \times (\text{Annual MARC} \times \text{years remaining}) + 100\% \times \text{incentive credits paid to Customer}
\]

**Example:**

The Customer terminates the contract at the end of the second year of the Term Period and has three (3) years remaining in the Term Period. The Year 2 MARC is $500,000 and MARC Revenue (per the Annual True Up) is $400,000. The termination liability charge will be as follows:

\[
50\% \times ($500,000 - $400,000) + 50\% \times ($500,000 \times 3) = $800,000
\]

**25.55** See **PART 2**
ACCESS SERVICE

25. **Pricing Flexibility Contract Offerings** (Cont'd)

   **PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont'd)

25.56 **Contract Offer No. 56 – Special Access Offer**

   **25.56.1 General Description**

   This Special Access Service Offer (Contract Offer No. 56) is an access services plan for which concurrent subscription is required to the following Access Tariffs: Frontier Telephone Companies Tariff F.C.C. No. 11, Contract Offer No. 56, Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No. 1, Contract Offer No. 28; Pacific Bell Telephone Company (PBTC) Tariff F.C.C. No. 1, Contract Offer No. 161; BellSouth Telecommunications, LLC (BellSouth) Tariff F.C.C. No. 1, Contract Offer No. 78; Ameritech Operating Companies (Ameritech) Tariff F.C.C. No. 2, Contract Offer No. 211, and Southwestern Bell Telephone Company (SWBT) Tariff F.C.C. No. 73 Contract Offer No. 182 (collectively, with this Contract Offer No. 56, "Concurrently Subscribed Contract Offers"). NBTC, PBTC, Ameritech, BellSouth and SWBT, with the Telephone Company, shall be identified herein as the "Qualified Companies."

   This Contract Offer permits Customers that meet the Eligibility Criteria in Section 25.56.3, and the Terms and Conditions in Section 25.56.4, to disconnect Subject Services, as defined in Section 25.56.2, without incurring termination liability charges.

   This Contract Offer is available for subscription from October 27, 2012 through November 27, 2012. This Contract Offer is not renewable.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont'd)

25.56 **Contract Offer No. 56 – Special Access Offer** (Cont'd)

25.56.2 **Subject Services**

(A) Contract Offer No. 56 applies to pricing flexibility qualified access services contained in the following tariff sections (Subject Services):

1. Sections 7 and 24 – DS1 and DS3 High Capacity Service.

Subject Services must be located in Metropolitan Statistical Areas (MSAs) for which the Telephone Company has been granted pricing flexibility relief, as listed in Section 24, and in the MSAs listed in Table A, below. During the Term Period of this Contract Offer, if the Telephone Company is granted pricing flexibility relief in additional MSAs, the Customer may, at its option, include Subject Services in those MSAs in this Contract Offer.

<table>
<thead>
<tr>
<th>MSA</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridgeport</td>
<td>CT</td>
</tr>
<tr>
<td>Hartford</td>
<td>CT</td>
</tr>
<tr>
<td>New Haven</td>
<td>CT</td>
</tr>
<tr>
<td>New London</td>
<td>CT</td>
</tr>
</tbody>
</table>

(B) All terms and conditions for Subject Services are governed by their respective tariff sections, except as provided in this Contract Offer.

25.56.3 **Eligibility Criteria**

The following eligibility criteria must be met to subscribe to this Contract Offer No. 56 discounted rates:

(A) **Concurrently Subscribed Contract Offers.**

Customer must concurrently subscribe to the following Contract Offers:
- PBTC Tariff F.C.C. No. 1, Section 33, Contract Offer No. 161;
- NBTC Tariff F.C.C. No. 1, Section 23, Contract Offer No. 28;
- BellSouth Tariff F.C.C. No. 1, Section 25, Contract Offer No. 78;
- SWBT Tariff F.C.C. No. 73, Section 41, Contract Offer No. 182; and
- Ameritech Tariff F.C.C. No. 2, Section 22, Contract Offer No. 211.
25. **Pricing Flexibility Contract Offerings** (Cont’d)

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont’d)

25.56 **Contract Offer No. 56 – Special Access Offer** (Cont’d)

25.56.3 **Eligibility Criteria** (Cont’d)

(B) During the month prior to the Customer’s subscription to this Contract Offer, the Customer must have been operating no fewer than twenty-two thousand (22,000) and no more than twenty-seven thousand (27,000) cell sites, which must be activated and providing service within the operating territories of the Qualified Companies. Such cell sites, together with any other cell sites for which Customer orders Subject Services at any time during the Term Period, are referred to in this Contract Offer as “Qualified Cell Sites.”

(C) As of the time of the Customer’s subscription to this Contract Offer, the Customer may not be purchasing interstate or intrastate special access services from the Telephone Company pursuant to any pricing flexibility contract offer, broadband services agreement, intrastate "ICB" contract or other individually negotiated tariff or agreement that includes any minimum volume or revenue commitment, other than the Concurrently Subscribed Contract Offers or any contract offer that will be terminated upon the Customer’s subscription to Concurrently Subscribed Contract Offers.

(D) The Customer must be purchasing, as of the Subscription Date, no fewer than two hundred thousand (200,000) and no more than two hundred and twenty thousand (220,000) DS1 special access circuits from the Qualified Companies that terminate at Qualified Cell Sites.

(E) The Customer must be purchasing, as of the Subscription Date, no fewer than nineteen thousand (19,000) and no more than twenty thousand (20,000) DS3 special access circuits from the Qualified Companies that terminate at Qualified Cell Sites.
Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

Contract Offer No. 56 – Special Access Offer (Cont'd)

25.6.4 Terms and Conditions

(A) Term Period. The term of this Contract Offer (Term Period) shall be eighty-four (84) months, beginning on the date the Telephone Company receives a signed Letter of Subscription (LOS) from the Customer (the Subscription Date).

(B) To subscribe to this Contract Offer, the Customer must submit a signed Letter of Subscription (LOS) to the Telephone Company. The Customer must provide, at the time of subscription, all Access Customer Name Abbreviations (ACNAs) that the Customer designates for inclusion in this Contract Offer (Eligible ACNAs). Services ordered or purchased under other ACNAs may not be transferred to, or converted for inclusion under, this Contract Offer.

(C) Subject Services for which the Customer receives termination liability waivers or credits under this Contract Offer shall not receive similar termination liability waivers or credits under any other pricing flexibility contract offer, promotional offering, discount plan or other arrangement, unless expressly permitted by such other pricing flexibility contract offer or other arrangement.

(D) The Customer may not be subscribed to any volume or revenue plans under this Guide.

(E) Commingling (as defined in Section 2.13) of Subject Services provided pursuant to this Contract Offer No. 56 is prohibited.

(F) All traffic carried over Subject Services must originate or terminate at Mobile Switching Centers (MSCs) operated by, or on behalf of, the Customer.
ACCESS SERVICE

25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.56 Contract Offer No. 56 – Special Access Offer (Cont’d)

25.56.4 Terms and Conditions (Cont’d)

(G) The Customer may disconnect DS1 Subject Services without termination liability charges, provided that the conditions set forth below have been met. If such termination liability charges are billed, the Telephone Company will issue credits to offset those charges in arrears, on a quarterly basis.

(1) The Subject Service must have been in service for at least twelve (12) months prior to termination.

(2) The Subject Service must have been replaced by Ethernet-based service\(^1\) provided to the Customer by the Telephone Company at the same Qualified Cell Site, with Ethernet\(^1\) bandwidth of no less than 5 Mbps per Customer cell site (Replacement Service).

(3) No lapse in billing may have occurred between the termination of the Subject Service and the installation of the Replacement Service.

(H) The Customer may qualify for credits to be applied against termination liability charges billed for terminated DS3 Subjects Services (“DS3 Credits”), provided that the following conditions have been met.

(1) The Subject Service must have been continuously in service since the Effective Date of this Contract Offer.

(2) The Subject Service must have been in service for at least twenty-four (24) months prior to termination.

(3) No lapse in billing may have occurred between the termination of the Subject Service and the installation of the Replacement Service.

\(^1\) Ethernet services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission’s Memorandum Opinion and Order No. FCC 07-180, released October 12, 2007, such services have been de-tariffed by the Telephone Company.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.56 Contract Offer No. 56 – Special Access Offer (Cont'd)

25.56.4 Terms and Conditions (Cont'd)

(A) The Telephone Company will calculate and issue (when applicable) DS3 Credits for each three (3) month period during the Term Period, beginning from the Subscription Date (each such period to be referred to as a “Quarter”). DS3 Credits will be based on the equivalent of one terminated DS3 Subject Service for every twenty-eight (28) DS1 Subject Services that have been terminated without termination liability pursuant to Section (G), above, during the relevant Quarter (“Eligible DS1s”). The Telephone Company will determine the number of Eligible DS1s for the Quarter, divide the number of Eligible DS1s by twenty-eight (28), and round the quotient down to the nearest whole number. The result of this calculation will be referred to as the “DS3 Termination Allowance.” The amount of the DS3 Credit will be calculated by multiplying the DS3 Termination Allowance times the average amount of all termination liability charges billed to the Customer per terminated DS3 Subject Service during the Quarter (“Average DS3 TLC”).

Formula:
DS3 Termination Allowance x Average DS3 TLC = DS3 Credit

Example: During Quarter X of the Term Period, the Customer terminates one hundred sixty-five (165) DS1 Subject Services without termination liability, as provided in Section 25.56.6(G). During Quarter X, the Customer also terminates six (6) DS3 Subject Services. Total termination liability charges for the terminated DS3 Subject Services are $24,000. The DS3 Termination Allowance is 5 (165/28 = 5.89). The Average DS3 TLC is $4,000 ($24,000/6 = $4,000). The DS3 Credit is $20,000 ($4,000 x 5 = $20,000)

(B) The Customer must include the Contract Number associated with this Contract Offer on all disconnect orders for Subject Services.
ACCESS SERVICE

25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.56 Contract Offer No. 56 – Special Access Offer (Cont'd)

25.56.5 Assignment/Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to Section 2.5.5, the Telephone Company will acknowledge such transfer or assignment if the criteria in Section 2.5.5, are fulfilled, unless 1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A), (B) or (C), below, or 2) if the proposed assignee or transferee or its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

(A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than fifty percent (50%) of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission; or

If any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

(B) The proposed assignee or transferee or its parent does not have any outstanding securities rated by credit rating agencies, e.g., Standard and Poor’s, but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated:

(1) “fair” or below in a composite credit appraisal published by Dun and Bradstreet; or

(2) “high risk” in a Paydex score as published by Dun and Bradstreet.

(C) If the information required to review the assignee or transferee’s credit worthiness pursuant to either Subsection (A) or (B) of this Section 25.56.5 is not available, the Telephone Company shall exercise its reasonable discretion in determining the credit worthiness of the assignee or transferee based on any information available.
ACCESS SERVICE

25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 1 — Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont'd)

25.56 **Contract Offer No. 56 — Special Access Offer** (Cont'd)

25.56.6 **Mergers and Acquisitions**

All provisions of this Contract Offer shall continue in full force and effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all of its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services, as provided for in this Contract Offer, will continue to be maintained at the same volume, rates, and Terms and Conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

25.57 This Contract Offer has been deleted.
25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)**

25.58 **Contract Offer No. 58 – Access Service**

25.58.1 **General Description**

The Special Access Service Offer (Contract Offer No. 58, or Contract Offer) is a Minimum Annual Revenue Commitment plan for which concurrent subscription is required to the following Access Tariffs: Frontier Telephone Companies Tariff F.C.C. No. 11, Contract Offer No. 58, Southwestern Bell Telephone Company (SWBT) Tariff F.C.C. No. 73, Contract Offer No. 185; Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No. 1, Contract Offer No. 29; Pacific Bell Telephone Company (PBTC) Tariff F.C.C. No. 1, Contract Offer No. 164; BellSouth Telecommunications, LLC (BellSouth) Tariff F.C.C. No. 1, Contract Offer No. 80; and Ameritech Operating Companies (Ameritech) Tariff F.C.C. No. 2, Contract Offer No. 215 (collectively, with this Contract Offer No. 58, the “Concurrently Subscribed Contract Offers”). NBTC, PBTC, SWBT, BellSouth, Ameritech and the Telephone Company may be identified as the “Qualified Companies.”

The Concurrently Subscribed Contract Offers require the Customer to make and satisfy a Minimum Annual Revenue Commitment (MARC), as defined in Section 25.58.5. The MARC consists of certain recurring revenues from "MARC-Eligible Services" as defined in Section 25.58.5 (A), below for Services listed under this Contract Offer, purchased from the Qualified Companies, as provided in the Concurrently Subscribed Contract Offers.

The MARC-eligible services provided by the Telephone Company are described in Section 25.58.2.

Contract Offer No. 58 will be available for subscription only from March 30, 2013 through April 30, 2013. This offer is not renewable.

25.58.2 **Subject and Non-Subject Services**

Those services for which recurring charges are included in MARC calculations under this Contract Offer (MARC-eligible services) are: (i) Subject Services, listed in Table B, below; and (ii) Non-Subject Services, listed in Table C, below. Subject Services and Non-Subject Services must be provided by the Telephone Company.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont'd)

25.58 **Contract Offer No. 58 – Access Service** (Cont'd)

25.58.2 **Subject and Non-Subject Services** (Cont'd)

(A) Contract Offer No. 58 is available for qualified special access services located in the MSAs for which the Telephone Company has been granted Phase II pricing flexibility, as listed in Section 24. During the Term Period of this Contract Offer No. 58, if the Telephone Company is granted pricing flexibility relief in additional MSAs not listed in Section 24 at the time of subscription, the Customer may, at its option, include Subject Services in those additional MSAs as eligible for the discounts under this Contract Offer No. 58.

(B) **Subject Services**

Subject Services are pricing flexibility qualified access services or rate elements listed in Table A, below.

<table>
<thead>
<tr>
<th>Category</th>
<th>Services Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interstate special access located in pricing flexibility</td>
<td>All Voice Grade (VG), DS0, DS1 and DS3 special access services or rate elements that are eligible for pricing flexibility</td>
</tr>
<tr>
<td>Metropolitan Statistical Areas (MSAs), including all rate elements that qualify for either Phase I or Phase II pricing flexibility</td>
<td></td>
</tr>
</tbody>
</table>
ACCESS SERVICE

25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.58 Contract Offer No. 58 – Access Service (Cont'd)

25.58.2 Subject and Non-Subject Services (Cont’d)

(C) Non-Subject Services

Non-Subject Services listed in Table B, below.

Table B – Non-Subject Services

<table>
<thead>
<tr>
<th>Category</th>
<th>Services Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interstate special access</td>
<td>Any VG, DS0, DS1, and DS3 special access services and rate elements not listed in Table B</td>
</tr>
<tr>
<td>Services provided by the</td>
<td></td>
</tr>
<tr>
<td>Telephone Company but not</td>
<td></td>
</tr>
<tr>
<td>located in pricing flexibility</td>
<td></td>
</tr>
<tr>
<td>Metropolitan Statistical Areas</td>
<td></td>
</tr>
<tr>
<td>(MSAs) or any rate elements</td>
<td></td>
</tr>
<tr>
<td>located in pricing flexibility</td>
<td></td>
</tr>
<tr>
<td>MSAs but not subject to</td>
<td></td>
</tr>
<tr>
<td>pricing flexibility relief.</td>
<td></td>
</tr>
<tr>
<td>Broadband interstate</td>
<td>¹Optical Carrier Network (OCN)</td>
</tr>
<tr>
<td>special access</td>
<td>Point-to-Point, Dedicated SONET Ring Service (DSRS), Multi-Service Optical Network (MON) Ring Service, 1G Dedicated Ethernet, 10G Dedicated Ethernet, Frontier Optical Transport Services, Basic Switched Ethernet Service, and Ultimate Switched Ethernet Services</td>
</tr>
</tbody>
</table>

(D) All terms and conditions for those MARC-Eligible Services that are tariffed are governed by their respective tariff sections, except as noted in this Contract Offer. All terms and conditions for those MARC-Eligible Services that are not tariffed are governed by the applicable guidebooks, service guides or contracts.

¹ Optical Carrier Network (OCN) Point-to-Point, Dedicated SONET Ring Service (DSRS), 1G Dedicated Ethernet, 10G Dedicated Ethernet, Frontier Optical Transport Services, Basic Switched Ethernet Service, and Ultimate Switched Ethernet Services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission's Memorandum Opinion and Order No. 07-180 released October 12, 2007, services have been de-tariffed by the Telephone Company.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.58 Contract Offer No. 58 – Access Service (Cont'd)

25.58.2 Subject and Non-Subject Services (Cont'd)

(E) Subject Services and Non-Subject Services shall also include any additional similar or successor services which are provided by the Telephone Company during the Term Period, but which were not available as of the effective date of this Contract Offer No. 58.

25.58.3 Eligibility Criteria

The following Eligibility Criteria apply to this Contract Offer No. 58:

(A) Concurrently Subscribed Contract Offers. The Customer must concurrently subscribe to the following Contract Offers:

- NBTC Tariff F.C.C. No. 1, Contract Offer No. 29;
- PBTC Tariff F.C.C. No. 1, Contract Offer No. 164;
- SWBT Tariff F.C.C. No. 73, Contract Offer No. 185;
- Ameritech Tariff F.C.C. No. 2, Contract Offer No. 215;
- BellSouth Tariff F.C.C. No. 1, Contract Offer No. 80; and
- Frontier Telephone Companies Tariff F.C.C. No. 11, Contract Offer No. 58.

As of the time of the Customer’s subscription to this Contract Offer, the Customer may not be purchasing interstate or intrastate special access services from the Telephone Company pursuant to any pricing flexibility contract offer, broadband services agreement, intrastate “ICB” contract or other individually negotiated tariff or agreement that includes any minimum volume or revenue commitment, other than the Concurrently Subscribed Contract Offers unless such other individually negotiated tariff or agreement expressly refers to the Concurrently Subscribed Contract Offers. For purposes of this Section 25.58.3, tariff discount plans other than pricing flexibility contract tariffs shall not be deemed to be individually negotiated.
ACCESS SERVICE

25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont'd)

25.58 **Contract Offer No. 58 – Access Service** (Cont'd)

25.58.4 **General Terms and Conditions**

The following terms and conditions apply to this Contract Offer:

(A) **Subscription.** To subscribe to this Contract Offer, the Customer must submit a Letter of Subscription (LOS) to the Telephone Company. The Customer must identify in the LOS all Access Customer Name Abbreviations (ACNAs) that the Customer designates for inclusion in this Contract Offer (Eligible ACNAs). Services ordered or purchased under other ACNAs may not be transferred to, or converted for inclusion under, this Contract Offer.

(B) **Term Period.** The term of this Contract Offer No. 58 (Term Period) shall be sixty (60) months, beginning on either (i) the first day of the calendar month following the date on which the Letter of Subscription (LOS) is signed by the Customer (Subscription Date) if the Subscription Date is within the last five (5) days of a calendar month, or (ii) if (i) does not apply, the first day of the calendar month in which the Subscription Date occurs. Each successive twelve (12) month period of the Term Period, beginning with the Subscription Date, shall be referred to as a Term Year. The benefits of this Contract Offer, including, without limitation, the accrual of credits pursuant to this Contract Offer, and Customer’s obligation to meet the MARC, shall cease upon the expiration of the Term Period.

(C) Credits earned by the Customer under this Contract Offer No. 58 and the other Concurrently Subscribed Contract Offers shall be applied as described in Section 25.58.6, below, and in the analogous sections of the other Concurrently Subscribed Contract Offers.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont'd)

25.58 **Contract Offer No. 58 – Access Service** (Cont'd)

25.58.4 **General Terms and Conditions** (Cont'd)

(D) MARC-Eligible Services may not be purchased pursuant to any pricing flexibility contract offer, broadband services agreement, intrastate “ICB” contract or other individually negotiated tariff or agreement that includes any minimum volume or revenue commitment, other than the Concurrently Subscribed Contract Offers (any such precluded tariffs or agreements hereafter referred to as an “Other Commitment Agreement”), unless the Other Commitment Agreement expressly refers to this Contract Offer and expressly permits the Customer to purchase such services subject to both this Contract Offer and the Other Commitment Agreement. The word “purchase,” as used in the foregoing sentence, refers to the Customer obtaining or using any service in exchange for compensation, regardless of when the service was ordered or installed. If either party determines that the Customer is purchasing service pursuant to an Other Commitment Agreement, parties will cooperate in good faith to modify or terminate such Other Commitment in a manner consistent with this Contract Offer.

(E) Credits to be provided under this Contract Offer will not be issued unless and until the Customer has paid all billed charges for MARC-Eligible Services due and owing as of the date the credits are issued (excluding amounts properly disputed), and is otherwise in material compliance with this Contract Offer.

(F) Subject Services are subject to certain rates, charges and general terms and conditions in other sections of this Guide (Sections 2-General Regulations, 5-Ordering Options for Switched & Special Access Service, and 8-Testing, Maintenance and Additional Labor Services), and such terms and conditions may be modified through the filing of tariff changes at any time during the Contract Term. However, such tariff modifications will not change the Terms and Conditions described in this Contract Offer.
ACCESS SERVICE

25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.58 Contract Offer No. 58 – Access Service (Cont'd)

25.58.4 General Terms and Conditions (Cont'd)

(G) The Customer must maintain an Access Service Ratio of eighty five percent (85%) or greater, calculated as described below, for services purchased by the Customer in the MSAs identified in Section 25.58.2 of the Contract Offer and in the analogous sections of the other Concurrently Subscribed Contract Offers (calculated in the aggregate).

The Access Service Ratio is calculated as follows in the aggregate, for all of the Concurrently Subscribed Contract Offers:

\[
\frac{\text{Access Revenue}}{\text{Access Revenue} + \text{Wholesale Revenue}}
\]

(1) Access Revenue is the Customer's interstate recurring billed revenue, in the aggregate, for all of the Concurrently Subscribed Contract Offers associated with the rate elements defined in Table C, below:

Table C

<table>
<thead>
<tr>
<th>Service</th>
<th>Tariff Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>VG, DS1 and DS3 Services</td>
<td>Sections 7 and 24</td>
</tr>
</tbody>
</table>
25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)**

25.58 **Contract Offer No. 58 – Access Service (Cont'd)**

25.58.4 **General Terms and Conditions (Cont'd)**

(G) (Cont'd)

(2) Wholesale Revenue is the Customer’s recurring billed revenue for associated rate elements, as defined in Table D, below, not included in the interstate tariff(s) and/or the Interstate Access Guidebook.

**Table D**

<table>
<thead>
<tr>
<th>Service Level</th>
<th>Associated Rate Elements Not Included in Interstate Tariff</th>
</tr>
</thead>
<tbody>
<tr>
<td>VG</td>
<td>VG Loop, VG Entrance Facilities, VG Interoffice Transport, VG Cross Connects, VG Multiplexing</td>
</tr>
<tr>
<td>DS0</td>
<td>DS0 Loop, DS0 Entrance Facilities, DS0 Interoffice Transport, DS0 Cross Connects, DS0 Multiplexing</td>
</tr>
<tr>
<td>DS1</td>
<td>4 – Wire Digital Loop, DS1 Entrance Facilities, DS1 Interoffice Transport, DS1 Cross Connects, DS1 Multiplexing</td>
</tr>
<tr>
<td>DS3</td>
<td>DS3 Loop, DS3 Entrance Facilities, DS3 Interoffice Transport, DS3 Cross Connects, DS1/DS3 Multiplexing</td>
</tr>
<tr>
<td>Other Transport Products</td>
<td>Dark Fiber – Interoffice, Dark Fiber – Loop, Dark Fiber – Subloop, Dark Fiber – Cross Connects, Unbundled Dedicated Transport</td>
</tr>
</tbody>
</table>
Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.58 Contract Offer No. 58 – Access Service (Cont'd)

25.58.4 General Terms and Conditions (Cont'd)

(G) (Cont'd)

(3) The terms of the Access Service Ratio applicable to this Contract Offer shall not alter the terms of any Access Service Ratio provision(s) of any other tariff under which the Customer obtains service.

(H) Breach and Cure

If either party breaches any material term of this Contract Offer, and the breach continues unremedied for sixty (60) days after written notice of default, or in case of the Customer's breach of the provisions of Section 25.58.4(H) (Access Service Ratio) one hundred twenty (120) days after written notice of default, the other party may terminate this Contract Offer for cause. If the Customer is in breach of its payment obligations, and fails to make payment in full within thirty (30) days after receipt of written notice of default, the Telephone Company may, at its option, terminate this Contract Offer, terminate any Subject Services, suspend the Customer's ordering capability, and/or require a deposit, advanced payment, or other satisfactory assurances as a condition of the continued effectiveness of this Contract Offer and/or the continued provision of Subject Services, except that the Telephone Company will not take any such action as a result of the Customer's non-payment of a charge subject to a timely billing dispute, unless the Telephone Company has reviewed the dispute and determined that the charge is correct. The foregoing sentence does not limit the Telephone Company's right to withhold credits, as provided in Section 25.58.4(E). This Contract Offer may be terminated by either party immediately upon written notice if the other party has become insolvent or involved in a liquidation or termination of its business, or adjudicated bankruptcy, or been involved in an assignment for the benefit of its creditors. The Customer shall be liable to the Telephone Company for termination liability charges, as provided in Section 25.58.13. This Section 25.58.4 shall not alter the rights of the Telephone Company in case of interference with, impairment of or unlawful use of service.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont'd)

25.58 **Contract Offer No. 58 – Access Service** (Cont'd)

25.58.5 **Minimum Annual Revenue Commitment (MARC)**

(A) **MARC Establishment**

The Customer must satisfy a Minimum Annual Revenue Commitment (MARC) for each Term Year. Calculations related to the MARC (including satisfaction of the MARC) shall be determined according to gross billed recurring charges under Eligible ACNAs, after application of any discounts or credits applicable to those recurring revenues (except Area Commitment Plan credits under the BellSouth Tariff F.C.C. No. 1, any credits issued under the Concurrently Subscribed Contract Offers and any circuit-specific monthly recurring charge credits for any broadband services provided under a broadband services agreement with the Qualified Companies, as well as adjustments for overbilling, under billing and billing dispute settlements addressed during the Annual True-up Process only, for MARC-Eligible Services, as defined in the Concurrently Subscribed Contract Offers and purchased under the Eligible ACNAs (collectively, “MARC-Eligible Charges”). MARC-eligible services, as described in the Concurrently Subscribed Contract Offers, are collectively referred as “MARC-Eligible Services.” The Customer’s MARC-Eligible Charges shall specifically exclude MARC Attainment Credits, non-recurring charges, usage-based charges. The Customer’s MARC obligation shall be a continuing obligation during the entire Term Period.

(B) **MARC Calculations**

The Customer’s MARC for the first year of the Term Period shall be the greater of: (i) ninety five million dollars ($95,000,000), or (ii) Customer's MARC-Eligible Charges during the three (3) months immediately prior to the Subscription Date, multiplied by four (4), rounded up to the nearest thousand dollars. The MARC for each subsequent Term Year shall be the greater of the MARC-Eligible charges for the last three (3) full calendar months of the previous Term Year multiplied by four (4), rounded up to the nearest thousand dollars or the MARC from the previous Term Year.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.58 Contract Offer No. 58 – Access Service (Cont'd)

25.58.6 MARC Attainment Credit

(A) The Customer will qualify for MARC Attainment Credits ("MAC") as provided in this Section 25.58.6 if it meets the requirements specified in this Section 25.58.6. The amount of the MAC for which the Customer qualifies will be determined according to the amount of the Customer’s MARC-Eligible Charges, as provided in Table E, below, subject to the provisions of this Section 25.58.6.

Each Term Year will be divided into three (3) periods of four (4) consecutive months, for purposes of applying MAC (each such period to be referred to as an "Attainment Credit Period"). During the first two (2) Attainment Credit Periods of each Term Year, the Customer will qualify for a MAC for any Attainment Credit Period during which the Customer’s MARC-Eligible Charges are equal to or greater than one-third (1/3) of the MARC that applies during that Term Year. The MAC for the first two (2) Attainment Credit Periods of each Term Year will be calculated by multiplying the Applicable Credit Percentage (as shown in Table E) associated with the "Initial Credit Tier" for that Term Year by the amount of the Customer’s MARC-Eligible Charges attributable to Subject Services during that Attainment Credit Period. For the avoidance of doubt, the Applicable Credit Percentage (as shown in Table E) is based on the Term Year 1 MARC for all Term Years, and shall not be adjusted for any increases in the MARC after Term Year 1. The "Initial Credit Tier" for each Term Year will be the Credit Tier for which the MARC for that Term Year falls within the range from the Minimum MARC-Eligible Charges through the Maximum MARC-Eligible Charges associated with that Credit Tier. The MAC for the third (3rd) Credit Attainment Period of each Term Year shall be determined according to the "Annual True-Up of MARC Attainment Credits," as described in Section 25.58.6(B), below. If the Customer does not qualify for a MAC for any Attainment Credit Period, no MAC will be issued at the end of that Credit Attainment Period; however, the Customer may be eligible to receive the MAC subsequently, as provided in the "Annual True-Up of MARC Attainment Credits," as described in Section 25.58.6(B), below.
Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.58 Contract Offer No. 58 – Access Service (Cont’d)

25.58.6 MARC Attainment Credit (Cont’d)

(A) (Cont’d)

Any MAC shall be allocated among the Concurrently Subscribed Contract Offers in proportion to the MARC-Eligible Charges attributable to Subject Services, and billed under each of the Concurrently Subscribed Contract Offers during the relevant Attainment Credit Period. Any MAC will be issued in arrears, within ninety (90) days after the end of the Attainment Credit Period during which the Customer qualified for the MAC.

Example 1:
Assume that the Customer’s MARC for Term Year 1 is $100 million. The Initial Credit Tier for Term Year 1 will be Tier 1 (which includes the range from $100 million to $109,999,999.99), and the “Applicable Credit Percentage” for the first two Credit Attainment Periods of Term Year 1 will be five percent (5%). During the first Credit Attainment Period of Term Year 1, the Customer’s total MARC-Eligible Charges are $34 million, and the MARC-Eligible Charges attributable to Subject Services are $20 million. Because the Customer’s MARC-Eligible Charges are greater than one-third of the MARC, a MAC will be issued for five percent (5%) of $20 million, or $1 million, for the first Credit Attainment Period of Term Year 1.

Example 2:
Assume that the Customer’s MARC for Term Year 2 is $110 million. The Initial Credit Tier for Term Year 2 will be Tier 2 (which includes the range from $110 million through $120,999,999.99), and the “Applicable Credit Percentage” for the first two Credit Attainment Periods of Term Year 2 will be six percent (6%). During the first Credit Attainment Period of Term Year 2, the Customer’s total MARC-Eligible Charges are $38 million, and the MARC-Eligible Charges attributable to Subject Services are $25 million. Because the Customer’s MARC-Eligible Charges are greater than one-third of the MARC, a MAC will be issued for six percent (6%) of $25 million, or $1.5 million, for the first Credit Attainment Period of Term Year 2.
## ACCESS SERVICE

25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont'd)

### 25.58 Contract Offer No. 58 – Access Service (Cont'd)

25.58.6 **MARC Attainment Credit** (Cont'd)

(A) (Cont'd)

**Table E: MARC Attainment Credit Schedule**

<table>
<thead>
<tr>
<th>Credit Tier</th>
<th>Minimum MARC-Eligible Charges</th>
<th>Maximum MARC-Eligible Charges</th>
<th>Applicable Credit Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Term Year 1 MARC (110% of First Year MARC) minus $.01</td>
<td>(110% of Tier 1 Minimum) minus $.01</td>
<td>5%</td>
</tr>
<tr>
<td>2</td>
<td>Term Year 1 MARC (110% of Tier 2 Minimum) minus $.01</td>
<td>(110% of Tier 2 Minimum) minus $.01</td>
<td>6%</td>
</tr>
<tr>
<td>3</td>
<td>Tier 2 Minimum (110% of Tier 3 Minimum) minus $.01</td>
<td>(110% of Tier 3 Minimum) minus $.01</td>
<td>7%</td>
</tr>
<tr>
<td>4</td>
<td>Tier 3 Minimum (110% of Tier 4 Minimum) minus $.01</td>
<td>(110% of Tier 4 Minimum) minus $.01</td>
<td>8%</td>
</tr>
<tr>
<td>5</td>
<td>Tier 4 Minimum (110% of Tier 5 Minimum) minus $.01</td>
<td>(110% of Tier 5 Minimum) minus $.01</td>
<td>9%</td>
</tr>
<tr>
<td>5</td>
<td>Tier 5 Minimum (110% of Tier 6 Minimum) minus $.01</td>
<td>(110% of Tier 6 Minimum) minus $.01</td>
<td>10%</td>
</tr>
</tbody>
</table>
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.58 Contract Offer No. 58 – Access Service (Cont’d)

25.58.6 MARC Attainment Credit (Cont’d)

(B) Annual True-up Process

(1) Annual Shortfall

If, at the end of any Term Year, the amount of the Customer’s MARC-Eligible Charges is less than the MARC for that Term Year, the Qualified Companies shall bill, and the Customer shall pay, an amount equal to the difference between the MARC and the Customer’s MARC-Eligible Charges for that Term Year (“Annual Shortfall”). Any Annual Shortfall will be allocated among the Qualified Companies according to the amounts of MARC-Eligible Charges attributable to Subject Services and billed by the Qualified Companies during the relevant Term Year. Upon payment of the Annual Shortfall, the Qualified Companies shall issue to the Customer a credit in the amount, if any, by which the “Minimum Annual MAC” exceeds the MAC previously issued to the Customer during that Term Year. The “Minimum Annual MAC” is the product of (a) the Applicable Credit Percentage associated with the Initial Credit Tier for that Term Year times (b) the MARC-Eligible Charges attributable to Subject Services during the relevant Term Year. Notwithstanding the foregoing, the Qualified Companies may, with the agreement of the Customer, offset all or part of the credit amount against all or part of the Annual Shortfall, in lieu payment of the full amount of the Annual Shortfall. In either case, the credit issued to the Customer may be referred to as a “Shortfall True-Up Credit.” Any Shortfall True-Up Credit will be allocated among the Qualified Companies according to the amounts of MARC-Eligible Charges attributable to Subject Services and billed by the Qualified Companies during the relevant Term Year.
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.58 Contract Offer No. 58 – Access Service (Cont’d)

25.58.6 MARC Attainment Credit (Cont’d)

(B) Annual True-up Process (Cont’d)

(1) Annual Shortfall (Cont’d)

Example:

Assume that, the Customer’s Term Year 1 MARC was $100 million, and its Term Year 2 MARC is $110 million, so the Initial Credit Tier is Tier 2, and the Applicable Credit Percentage is six percent (6%). Also assume that, during Term Year 2, the Customer receives $2 million in MAC during the first two Credit Attainment Periods of Term Year 2 and that, as of the end of Term Year 2, the Customer’s MARC-Eligible Charges are $109 million, of which the amount attributable to Subject Services is $80 million. The Customer must pay an Annual Shortfall of $1 million. Upon payment of that amount, the Qualified Companies will issue a Shortfall True-Up Credit to the Customer in the amount of $2.8 million (6% x $80 million = $4.8 million, minus $2 million in MAC previously issued during Term Year 2). In the alternative, with the Customer's agreement, the Qualified Companies could instead offset the $1 million Annual Shortfall against the $2.8 million credit amount, and issue to the Customer a Shortfall True-Up Credit of $1.8 million.

(2) Annual True-Up of Attainment Credits.

If, at the end of a Term Year, the amount of the Customer’s MARC-Eligible Charges is equal to, or greater than, the MARC for that Term Year, the Telephone Company will issue a credit (a “MAC Achievement Credit”) in the amount by which the “Achieved Annual MAC” exceeds the MAC previously issued to the Customer during that Term Year. The “Achieved Annual MAC” is equal to the product of (a) the Applicable Credit Percentage for the Credit Tier associated with the amount of the Customer’s MARC-Eligible Charges for that Term Year times (b) the MARC-Eligible Charges attributable to Subject Services and billed by the Qualified Companies during the relevant Term Year. Any MAC Achievement Credit will be allocated among the Qualified Companies according to the amounts of MARC-Eligible Charges attributable to Subject Services during the relevant Term Year.
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.58 Contract Offer No. 58 – Access Service (Cont’d)

25.58.6 MARC Attainment Credit (Cont’d)

(B) Annual True-up Process (Cont’d)

(2) Annual True-Up of Attainment Credits (Cont’d)

Example:

Assume that the Customer’s Term Year 1 MARC was $100 million, and its Term Year 2 MARC is $110 million. Also assume that the Customer’s MARC-Eligible Charges for Term Year 2 are $123 million, of which the amount attributable to Subject Services is $80 million, and that the Customer has received $2 million in MAC during the first two Credit Attainment Periods of Term Year 2. The Credit Tier applicable in Term Year 2 will be Tier 3 (which applies if the Customer’s MARC-Eligible Charges fall in the range from $121,000,000 through $133,099,999.99), and the Applicable Credit Percentage is seven percent (7%). The Qualified Companies will issue a MAC Achievement Credit in the amount of $3.6 million (7% x $80 million = $5.6 million, minus $2 million in MAC previously issued in Term Year 2).

25.58.7 Rate Stability Credit

If the Telephone Company increases the Monthly Recurring Charges (MRCs) applicable to Subject Services in Phase II pricing flexibility MSAs, as listed in Section 24, the Telephone Company will issue credits to the Customer to offset the increase in MRCs. The amount of such credits, if applicable, will be equal to the difference between the increased MRCs and the MRCs in effect as of the Subscription Date, during the period to be covered by the credits. Any such credits will be issued concurrently with MAC, as provided in Section 25.58.6, provided, however, that the following shall not be considered such a rate increase: (i) any rate change resulting from a grant of Phase II pricing flexibility for any MSA subject to this Contract Offer, or (ii) any change in applicable charges due to the expiration of a term commitment or payment plan.
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.58 Contract Offer No. 58 – Access Service (Cont’d)

25.58.8 Service Level Assurance

(A) Service Level Assurance (SLA). The Customer will be eligible for additional credits if certain Service Level Assurance (SLA) benchmarks are not achieved by the Qualified Companies, as provided below. SLA Benchmark measurements will be calculated in the aggregate, for all DS1 and DS3 Subject Services provided to the Customer by the Qualified Companies, for each Term Year. SLA benchmark measurements will be calculated according to the Qualified Companies’ generally applicable business rules and criteria associated with each of the SLA benchmark measurements. The SLA benchmarks will apply to both DS1 and DS3 services on a combined basis. SLA will apply to the following service performance measurements.

(1) Mean Time to Repair (MTTR). “Mean Time to Repair” means the sum of the “Receipt to Restore Durations” of “Total Trouble Reports” divided by the number of Total Trouble Reports. “Total Trouble Reports” means all closed Customer trouble reports. “Receipt to Restore Duration” means the number of minutes (converted to hours) from the date and time each such trouble report is received by the Telephone Company to the date and time each such trouble report is closed.

(2) On Time Delivery. “On Time Delivery” means the percentage of total Customer orders that are completed on or before their due dates.

(3) New Circuit Failure Rate. “New Circuit Failure Rate” means the percentage of total for new circuits that are subject to trouble reports within thirty (30) calendar days after the date of installation.

(4) Repeat Reports within 30 Days. “Repeat Reports within 30 Days” means the percentage of closed trouble reports for any circuit that are received within thirty (30) calendar days after the restoral date of a prior closed trouble report for the same circuit.
25. **Pricing Flexibility Contract Offerings** (Cont’d)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.58 **Contract Offer No. 58 – Access Service** (Cont’d)

25.58.8 **Service Level Assurance** (Cont’d)

(B) **SLA Measurements and Benchmarks.** If the Qualified Companies fail to achieve the benchmarks set forth in Table F, below, SLA Credits shall apply as provided in Section 25.58.8(C), below.

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Benchmark</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTTR</td>
<td>4.5 Hours</td>
</tr>
<tr>
<td>On Time Delivery</td>
<td>95%</td>
</tr>
<tr>
<td>New Circuit Failure Rate</td>
<td>4.5%</td>
</tr>
<tr>
<td>Repeat Reports</td>
<td>14.5%</td>
</tr>
</tbody>
</table>

(C) **SLA Credits.** Within ninety (90) days after the end of each Term Year, the Qualified Companies will provide the Customer with a report of performance for the SLA measurements set forth in this Contract Offer. If the Qualified Companies fail to achieve the benchmarks in this Contract Offer, the Qualified Companies will issue SLA Credits to the Customer, as set forth in Table G, below (SLA Credits). A single SLA Credit will apply per SLA benchmark, per Term Year, for the Qualified Companies in the aggregate. Any SLA Credits will be issued to the Customer within ninety (90) days after the end of each Term Year, and will be allocated among the Qualified Companies according to the amounts of MARC-Eligible Charges attributable to Subject Services and billed by the Qualified Companies during the relevant Term Year.

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Credit if Benchmark Not Achieved Per Term Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTTR</td>
<td>$100,000</td>
</tr>
<tr>
<td>On Time Delivery</td>
<td>$100,000</td>
</tr>
<tr>
<td>New Circuit Failure Rate</td>
<td>$100,000</td>
</tr>
<tr>
<td>Repeat Reports within 30 days</td>
<td>$100,000</td>
</tr>
</tbody>
</table>
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.58 Contract Offer No. 58 – Access Service (Cont'd)

25.58.9 Termination Liability Credit

The Qualified Companies will bill, and the Customer shall pay termination liability charges as they come due in accordance with applicable tariffs. The Qualified Companies will issue credits for otherwise applicable termination liability charges for moves and/or disconnections of non-channelized DS1 and/or non-channelized DS3 Subject Services located in pricing flexibility MSAs, which circuits connect to end user locations, up to the maximum credit amounts set forth in Table H, below. A single maximum Termination Liability Credit will apply per Term Year, for the Qualified Companies in the aggregate. In the event that termination liability charges for any moves and/or disconnections eligible for credits under this provision are billed by the Qualified Companies, the Telephone Company will issue credits for such charges once every four months up to the maximum Termination Liability Credit amount shown in Table H, below, within ninety (90) days after the end of the four (4) month period. Termination Liability Credits will be allocated among the Qualified Companies according to the amounts of MARC-Eligible Charges attributable to Subject Services and billed by the Qualified Companies during the relevant Term Year.

Subject Services eligible for termination liability waivers under the Concurrently Subscribed Contract Offers shall not be eligible for similar termination liability waivers under any other pricing flexibility contract offer, promotional offering, discount plan or other arrangement.

(A) Any DS1 Subject Service must have been in service for a minimum of one (1) month from its original installation date.

(B) Any DS3 Subject Service must have been in service for a minimum of one (1) year from its original installation date.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.58 **Contract Offer No. 58 – Access Service** (Cont'd)

25.58.9 **Termination Liability Credit** (Cont'd)

Table H: Termination Liability Credit

<table>
<thead>
<tr>
<th>Term Year</th>
<th>If MARC is Term Year</th>
<th>Maximum Credit in Term Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1 MARC</td>
<td>$2,000,000</td>
</tr>
<tr>
<td>2 through 5</td>
<td>110% of Term Year 1 MARC</td>
<td>$2,500,000</td>
</tr>
<tr>
<td>2 through 5</td>
<td>120% of Term Year 1 MARC</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>2 through 5</td>
<td>130% of Term Year 1 MARC</td>
<td>$3,500,000</td>
</tr>
<tr>
<td>2 through 5</td>
<td>140% of Term Year 1 MARC</td>
<td>$4,000,000</td>
</tr>
<tr>
<td>2 through 5</td>
<td>150% of Term Year 1 MARC</td>
<td>$4,500,000</td>
</tr>
</tbody>
</table>
25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)**

### 25.58 Contract Offer No. 58 – Access Service (Cont'd)

#### 25.58.10 Non-Recurring Charge Credit

The non-recurring charges (NRCs) set forth in Sections 5, 7, 8 and 24, shall apply to Subject Services provided under this Contract Offer, subject to this Section 25.58.10.

(A) The Qualified Companies shall establish on behalf of the Customer a credit pool in the amount of two million seven hundred fifty thousand dollars ($2,750,000) for each Term Year to be applied against NRCs otherwise applicable to certain Subject Services during the Term Period (NRC Credit Pool). The credit pool will be available only for the reimbursement of NRCs associated with the following USOCS: (i) TZ4AX (for DS1 Subject Services); and (ii) TZ4BX (for DS3 Subject Services). NRC Credits shall be applied against NRCs associated with installations or moves of Subject Services. Notwithstanding anything to the contrary in the foregoing sentence, NRC Credits shall not be applied against: (i) NRCs subject to waivers or credits other than those provided under this Section 25.58.10; (ii) Special Construction Charges; or (iii) termination liability, shortfall, true-up or other charges resulting from customer's failure to satisfy a term, revenue or volume commitment.

(B) The Qualified Companies will bill in accordance with Sections 5, 7, 13 and 24, and the Customer shall pay NRCs as they come due. The Qualified Companies will review billing for such NRCs after each four (4) month period, and will issue credits to the Customer against all such NRCs billed within such Term Year up to the maximum amount of two million seven hundred fifty thousand dollars ($2,750,000) for each Term Year. Non-Recurring Charge Credits, if any, will be issued no later than ninety (90) days after the end of each four (4) month period.

(C) Non-Recurring Charge Credits shall apply only to the installation of new DS1 and DS3 Subject Services in MSAs eligible for pricing flexibility. Non-Recurring Charge Credits shall not apply to Access Order Charges, or the substitution, change or rearrangement of any facilities used in providing service under this Guide. The credit pool will be available for reimbursement of NRCs associated with the DS1 USOC: TZ4AX, and with the DS3 USOC TX4BX.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs** (Cont'd)

25.58 **Contract Offer No. 58 – Access Service** (Cont'd)

25.58.11 **Assignment/Transfer/Successors**

(A) Subject to the provisions of Section 25.58.12, the Customer may assign or transfer this Contract Offer if (i) the proposed assignee or transferee demonstrates credit worthiness under both (1) and (2), below (and if (1) and (2) are not applicable to Customer, then (3) shall apply); and (ii) neither the proposed assignee or transferee nor its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it) at any time during the Term Period.

(1) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than fifty percent (50%) of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission, or if any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

(2) The proposed assignee or transferee or its parent does not have any outstanding securities rated by credit rating agencies, e.g., Standard and Poor’s, but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated:

(a) "fair" or below in a composite credit appraisal published by Dun and Bradstreet; or

(b) "high risk" in a Paydex score as published by Dun and Bradstreet.

(3) If the information required to review the assignee or transferee’s credit worthiness pursuant to either Subsection (1) or (2) of this Section 25.58.11(A) is not available, the Telephone Company shall exercise its reasonable discretion in determining the credit worthiness of the assignee or transferee based on any information available.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.58 Contract Offer No. 58 – Access Service (Cont'd)

25.58.12 Mergers and Acquisitions

All provisions of this Contract Offer shall continue in full force and effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all of its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services, as provided for in this Contract Offer, will continue to be maintained at the same volume, rates, and Terms and Conditions, as outlined herein, and existing or new services purchased by such other company may not be included in, or purchased under, this Contract Offer. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

25.58.13 Termination Liability Charges

(A) Termination liability charges will apply to Subject Services if, and to the extent, such charges apply according to any applicable provisions of this Guide. Termination liability charges apply to this Contract Offer, in addition to any termination liability charges that may apply to Subject Services, as provided in this Section 25.58.13.

If, prior to the completion of the Term Period, the Customer terminates this Contract Offer No. 58 or any of the other Concurrently Subscribed Contract Offers for any reason other than material breach by the Telephone Company or one of the other Qualified Companies, or if the Telephone Company terminates this Contract Offer No. 58, or if one of the other Qualified Companies terminates its other Concurrently Subscribed Contract Offer as a result of a material breach by the Customer, then this Contract Offer No. 58 shall be terminated (if not already terminated) and the Customer shall pay a termination liability charge equal to the MARC Termination Charge plus the aggregate of the following: (as defined below), if any, (i) the “Pro-rated True-Up Amount” (as defined below), if any, and (ii) the last two (2) MACs earned by the Customer prior to termination. However, if such earned MACs have not yet been issued by the Telephone Company, the Customer shall not repay such MACs. Instead, any unissued MAC will not be issued.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 1 – Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont'd)

25.58 Contract Offer No. 58 – Access Service (Cont'd)

25.58.13 Termination Liability Charges (Cont'd)

(B) The MARC Termination Charge shall be equal to one of the following, as applicable:

(1) If this Contract Offer is terminated in Term Year 1, 10 percent of the MARC for the remaining portion of Term Year 1, plus 10 percent of the MARCs for the remaining years of the Term Period (determined using the MARC for Term Year 1 as the MARC for each of Term Years 2-5);

(2) If this Contract Offer is terminated in Term Year 2, 12.5 percent of the Term Year 2 MARC for the remaining portion of Term Year 2, plus 12.5 percent of the MARCs for the remaining years of the Term Period (determined using the MARC for Term Year 2 as the MARC for each of Term Years 3-5);

(3) If this Contract Offer is terminated in Term Year 3, 12.5 percent of the Term Year 3 MARC for the remaining portion of Term Year 3, plus 12.5 percent of the MARCs for the remaining years of the Term Period (determined using the MARC for Term Year 3 as the MARC for each of Term Years 4 and 5);

(4) If this Contract Offer is terminated in Term Year 4, 12.5 percent of the Term Year 4 MARC for the remaining portion of Term Year 4, plus 12.5 percent of the MARC for the remaining year of the Term Period (determined using the MARC for Term Year 4 as the MARC for Term Year 5); or

(5) If this Contract Offer is terminated in Term Year 5, 12.5 percent of the Term Year 5 MARC for the remaining portion of Term Year 5.

(C) The “Pro-rated True-Up Amount” will be equal to the difference, if any, between the pro-rated MARC for that Term Year under this Contract Offer, as of the termination effective date, minus the aggregate of (a) the MARC-Eligible Charges, and (b) any Shortfall charges paid for the Term Year in which the termination occurs.
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 1 — Offers Requiring Concurrent Subscription to AT&T and Frontier Tariffs (Cont’d)

25.58 Contract Offer No. 58 – Access Service (Cont’d)

25.58.13 Termination Liability Charges (Cont’d)

(C) (Cont’d)

For avoidance of doubt, if the Pro-rated True-Up Amount is a negative number (i.e., Customer has, on a year-to-date basis, paid MARC-Eligible Charges and Annual Shortfall charges in excess of the pro-rated MARC for that Term Year as of the termination effective date), the Pro-rated True-Up Amount shall be zero, and the amount of termination liability owed by Customer under this section shall be reduced as follows:

(1) by either ten percent (10%) if termination occurs during Term Year 1, or twelve and one half percent (12.5%) if termination occurs during any other Term Year, of the excess, if any, of

(a) the MARC-Eligible Charges for that Term Year, over
(b) the pro-rated MARC for the period covered by the Pro-rated True-Up Amount; and

(2) if there is a reduction under Section 25.58.13(C)(1), by the amount of any Annual Shortfall charges paid for that Term Year, not to exceed the excess amount determined under Section 25.58.13(C)(1), above; or

(3) if there is no reduction under Section 25.58.13(C)(1), then by the excess of

(a) the MARC-Eligible Charges and Annual Shortfall charges paid for that Term Year, over
(b) the pro-rated MARC for the period covered by the Pro-rated True-Up Amount.

If the aggregate reduction under Section 25.58.13(C)(1) and (2), or the reduction under Section 25.58.13(C)(3), exceeds the amount of the termination liability owed by Customer under this Section, then the Telephone Company shall issue a credit in the amount of such excess.

The Customer will pay in full any termination liability charge within thirty (30) days after notice by the Telephone Company.
25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 2 – Offers Administered Solely by Frontier**

25.1 through 25.49 These Contract Offers have been deleted.

25.50 **Contract Offer No. 50 – DS1 and DS3 Service Offer**

25.50.1 **General Description**

This Contract Offer permits Customers that meet the Eligibility Criteria in Section 25.50.3, and otherwise comply with the terms and conditions of this Contract Offer, to disconnect Subject Services, as defined in Section 25.50.2 without incurring termination liability charges. Subject Services are available under this Contract Offer in the Metropolitan Statistical Areas (MSAs) listed in Section 25.50.2 (B).

This Contract Offer is available for subscription from March 16, 2011 through April 16, 2011. This Contract Offer is not renewable.

25.50.2 **Subject Services**

(A) This Contract Offer applies to pricing flexibility qualified services (Subject Services) contained in the following tariff section: Section 7 – DS1 High Capacity Service and DS3 High Capacity Service.

(B) Subject Services must be located in the Pricing Flexibility MSAs for which the Telephone Company has been granted pricing flexibility relief, as listed in Section 24, and in the MSAs in Table A, below. During the Term Period of this Contract Offer, if the Telephone Company is granted pricing flexibility relief in additional MSAs, the Customer may, at its option, include Subject Services eligible for the discounts under this Contract Offer No. 50.

**Table A**

<table>
<thead>
<tr>
<th>MSA</th>
<th>CT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridgeport</td>
<td>CT</td>
</tr>
<tr>
<td>Hartford</td>
<td>CT</td>
</tr>
<tr>
<td>New Haven</td>
<td>CT</td>
</tr>
<tr>
<td>New London</td>
<td>CT</td>
</tr>
</tbody>
</table>
25. **Pricing Flexibility Contract Offerings (Cont’d)**

**PART 2 – Offers Administered Solely by Frontier (Cont’d)**

25.50 **Contract Offer No. 50 – DS1 and DS3 Service Offer (Cont’d)**

**25.50.3 Eligibility Criteria**

The following eligibility criteria must be met to subscribe to Contract Offer No. 50:

(A) All Subject Services must originate or terminate on a wireless carrier’s network.

(B) During the month prior to the Customer’s subscription to this Contract Offer, the Customer must have been operating no fewer than three hundred (300) and no more than five hundred (500) cell sites, which must be activated and providing service within the MSAs described in 25.50.2(B). Such cell sites, together with any other cell sites for which Customer orders Subject Services at any time during the Term Period, are referred to in this Contract Offer as “Qualified Cell Sites.”

(C) During the month prior to the Customer’s subscription to this Contract Offer, the Customer must have been purchasing no fewer than one thousand five hundred (1,500) and no more than two thousand five hundred (2,500) DS1 special access circuits from the Telephone Company, each of which terminates at a Qualified Cell Site.

**25.50.4 Terms and Conditions**

(A) **Term Period**

The term of this Contract Offer (Term Period) shall be sixty (60) months, beginning on the date the Letter of Subscription (LOS) is signed by the last of the Customer and the Telephone Company (Subscription Date). This Contract Offer is not renewable.

(B) **General Terms and Conditions**

(1) Subject Services are subject to certain rates, charges and general terms and conditions in other sections of this Guide, (Sections 2-General Regulations, 5-Ordering Options for Switched & Special Access Service, and 13- Additional Engineering, Additional Labor & Miscellaneous Services), and such terms and conditions may be modified through the filing of tariff changes at any time during the Term Period. However, such tariff modifications will not change the terms and conditions described in Contract Offer No.50.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.50 Contract Offer No. 50 – DS1 and DS3 Service Offer (Cont'd)

25.50.4 Terms and Conditions (Cont'd)

(B) General Terms and Conditions (Cont'd)

(2) All terms and conditions for the Subject Services provided under this Contract Offer are governed by the otherwise applicable tariff sections, except as provided herein.

(3) To subscribe to this Contract Offer, the Customer must provide a signed Letter of Subscription (LOS) to the Telephone Company, which must include a list of eligible Access Customer Name Abbreviations (ACNAs). All Subject Services under this Contract Offer must be purchased under such ACNAs. Subject Services ordered or purchased under other ACNAs may not be transferred or converted for inclusion under this Contract Offer.

(4) The Customer may disconnect Subject Services without termination liability charges; provided that:

(a) the Customer replaces the disconnected Subject Services with Ethernet\(^1\)-based services offered by, and purchased from, the Telephone Company;

(b) such Ethernet\(^1\)-based services are provided at total Monthly Recurring Charges (MRCs) equal to, or greater than, those applicable to the Subject Services being replaced; and

(c) such Ethernet\(^1\)-based services are subject to a term commitment of sixty (60) months or more. The Customer will be deemed to have “replaced” Subject Services with Ethernet\(^1\)-based services, within the meaning of this Section 25.50.4(B)(4), if, but only if, such Ethernet\(^1\)-based services have been installed prior to the time of disconnection of the terminated Subject Services at the same Customer location.

\(^1\) Ethernet services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission’s Memorandum Opinion and Order No. FCC 07-180, released October 12, 2007, such services have been de-tariffed by the Telephone Company.
25. **Pricing Flexibility Contract Offerings** (Cont’d)

**PART 2 – Offers Administered Solely by Frontier** (Cont’d)

25.50 **Contract Offer No. 50 – DS1 and DS3 Service Offer** (Cont’d)

25.50.4 **Terms and Conditions** (Cont’d)

(B) **General Terms and Conditions** (Cont’d)

(4) (Cont’d)

The Customer’s compliance with the foregoing clauses (a) and (b) shall be determined semi-annually, beginning six (6) months after the Subscription Date, in the manner described below. For those Qualified Cell Sites at which the Customer has purchased Subject Services and subsequently purchases Ethernet\(^1\)-based service offered by the Telephone Company, the total MRCs applicable to Subject Services that were disconnected during the previous six (6) months, and were subject to a DS1 Optional Payment Plan (DS1 OPP), as described in Section 7 of this Guide at the time of their disconnection, will be divided by the number of such disconnected Subject Services to determine the average MRC applicable to such Subject Services (“Average Terminated Subject Service MRC”). The total MRCs applicable (to the Ethernet\(^1\)-based services purchased at those Qualified Cell Sites, net of applicable credits) will then be divided by the Average Terminated Subject Service MRC. The product of that calculation will be the maximum number of Subject Services the Customer will be allowed to disconnect without termination liability (“Maximum Terminated Subject Services”). The number of replaced Subject Services in excess of the Maximum Terminated Subject Services, if any, shall be the number of “Excess Terminated Subject Services.”

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\(^1\) Ethernet services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission’s Memorandum Opinion and Order No. FCC 07-180, released October 12, 2007, such services have been de-tariffed by the Telephone Company.
25. **Pricing Flexibility Contract Offerings (Cont’d)**

**PART 2 – Offers Administered Solely by Frontier (Cont’d)**

25.50 **Contract Offer No. 50 – DS1 and DS3 Service Offer (Cont’d)**

25.50.4 **Terms and Conditions (Cont’d)**

(4) **General Terms and Conditions (Cont’d)**

If the replacement of Subject Services by Ethernet-based services results in no Excess Terminated Subject Services, no termination liability will apply to the replacement of the Subject Services. If the replacement of Subject Services by Ethernet-based services results in Excess Terminated Subject Services, the Customer will be liable for termination liability, which will be calculated by multiplying the following: (i) the number of Excess Terminated Subject Services; (ii) the Average Terminated Subject Service MRC; (iii) the average remaining term commitment, as of the time of disconnection, of all Subject Services that were disconnected during the six (6) months being evaluated (“Average Remaining Term”); and (iv) fifty percent (50%). This calculation will be performed every six (6) months of the Term Period.

Formula:

Excess Terminated Subject Services x Average Terminated Subject Service MRC x Average Remaining Term x 50% = Termination Liability Charge

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1 Ethernet services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission's Memorandum Opinion and Order No. FCC 07-180, released October 12, 2007, such services have been de-tariffed by the Telephone Company.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.50 **Contract Offer No. 50 – DS1 and DS3 Service Offer** (Cont'd)

25.50.4 **Terms and Conditions** (Cont'd)

(B) **General Terms and Conditions** (Cont'd)

(4) (Cont'd)

Example:

During the first six (6) months of the Term Period, the Customer replaces Subject Services having total MRCs of $13,500 with Ethernet\(^1\)-based services having total MRCs (net of applicable credits) of $12,000. The Ethernet\(^1\)-based services replaced sixty (60) Subject Services. The Average Remaining Term of the terminated Subject Services is fourteen (14) months. The Average Subject Service MRC would be $255 (total Subject Service MRCs of $13,500 divided by sixty (60) Subject Services). Maximum Terminated Subject Services equals fifty-three (53) circuits (Ethernet\(^1\)-based services' total MRCs, net of applicable credits, of $12,000 divided by the Average Subject Services MRC of $255), and Excess Terminated Subject Services equals seven (7) (Sixty (60) terminated Subject Services minus 53 Maximum Terminated Subject Services). The Customer must pay termination liability on the seven (7) Excess Terminated Subject Services. A termination liability charge of $11,025 (Average Remaining Term of fourteen (14) months, times the Average Subject Service MRC of $255, times fifty percent (50%)), times seven (7) Excess Terminated Subject Services.

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\(^1\) Ethernet services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission's Memorandum Opinion and Order No. FCC 07-180, released October 12, 2007, such services have been de-tariffed by the Telephone Company.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.50 Contract Offer No. 50 – DS1 and DS3 Service Offer (Cont'd)

25.50.5 Assignment/Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to Section 2.5.5 of this Guide, the Telephone Company will acknowledge such transfer or assignment if the criteria in Section 2.5.5, are fulfilled, unless 1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A), (B) or (C), below, or 2) if the proposed assignee or transferee or its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

(A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than fifty percent (50%) of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission; or

If any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

(B) The proposed assignee or transferee or its parent does not have any outstanding securities rated by credit rating agencies, e.g. Standard and Poor's, but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated:

(1) “fair” or below in a composite credit appraisal published by Dun and Bradstreet; or
(2) “high risk” in a Paydex score as published by Dun and Bradstreet.

(C) If the information required to review the assignee or transferee’s credit worthiness pursuant to either Subsection (A) or (B) of this Section 25.50.6 is not available, the Telephone Company shall exercise its reasonable discretion in determining the credit worthiness of the assignee or transferee based on any information available.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.50 Contract Offer No. 50 – DS1 and DS3 Service Offer (Cont'd)

25.50.6 Mergers and Acquisitions

All provisions of this Contract Offer shall continue in full force and effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all of its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services, as provided for in this Contract Offer, will continue to be maintained at the same volume, rates, terms and conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.
ACCESS SERVICE

25. **Pricing Flexibility Contract Offerings (Cont'd)**

25.51 through 25.53 These Contract Offers have been deleted.

25.54 See PART 1
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

### 25.55 **Contract Offer No. 55 - DS1 Service Offer**

#### 25.55.1 **General Description**

This DS1 Service Offer (Contract Offer No. 55) is an access services plan that permits Customers who meet the Eligibility Criteria in Section 25.55.3, and the Terms and Conditions in Section 25.55.4, to disconnect Subject Services, as defined in Section 25.55.2, without incurring termination liability charges. This Contract Offer is available for subscription from July 26, 2012 through August 26, 2012. This Contract Offer is not renewable.

#### 25.55.2 **Subject Services**

(A) Contract Offer No. 55 applies to the following pricing flexibility qualified access services (contained in the following tariff sections (Subject Services):

(1) Sections 7 and 24 DS1 Capacity Service.

(B) Subject Services must be located in the Pricing Flexibility MSAs for which the Telephone Company has been granted pricing flexibility relief, as listed in Section 24. During the Term Period of this Contract Offer, if the Telephone Company is granted pricing flexibility relief in additional MSAs, the Customer may, at its option, include Subject Services in those MSAs in this Contract Offer.

(C) All terms and conditions for Subject Services are governed by their respective tariff sections, except as provided in this Contract Offer.

#### 25.55.3 **Eligibility Criteria**

The following eligibility criteria must be met to subscribe to this Contract Offer No. 55:

(A) The Customer must be purchasing, as of the Subscription Date, no fewer than one hundred fifteen (150) and no more than two hundred ten (210) DS1 special access circuits from the Telephone Company that terminate at Qualified Cell Sites.
ACCESS SERVICE

25. Pricing Flexibility Contract Offerings (Cont’d)

PART 2 – Offers Administered Solely by Frontier (Cont’d)

25.55 Contract Offer No. 55 - DS1 Service Offer

25.55.4 Terms and Conditions

(A) Term Period. The term of this Contract Offer (Term Period) shall be eighty-four (84) months, beginning on the date a signed Letter of Subscription (LOS) is received from the Customer by the Telephone Company (the Subscription Date).

(B) To subscribe to this Contract Offer, the Customer must submit a signed Letter of Subscription (LOS) to the Telephone Company. The Customer must provide, at the time of subscription, all Access Customer Name Abbreviations (ACNAs) that the Customer designates for inclusion in this Contract Offer (Eligible ACNAs). Services ordered or purchased under other ACNAs may not be transferred to, or converted for inclusion under, this Contract Offer.

(C) Subject Services eligible for termination liability waivers under this Contract Tariff shall not be eligible for similar termination liability waivers under any other pricing flexibility contract offer, promotional offering, discount plan or other arrangement.

(D) Commingling (as defined in Section 2.13) of Subject Services provided pursuant to this Contract Offer No. 55 is prohibited.

(E) All traffic carried over Subject Services must originate or terminate at Mobile Switching Centers (MSCs) operated by, or on behalf of, the Customer.
ACCESS SERVICE

25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 2 – Offers Administered Solely by Frontier (Cont'd)**

25.55 **Contract Offer No. 55 - DS1 Service Offer**

**25.55.4 Terms and Conditions (Cont'd)**

(F) The Customer may disconnect any Subject Service without termination liability charges, provided that the conditions set forth below are met. If such termination liability charges are billed, the Telephone Company will issue credits to offset those charges.

1. The Subject Service must have been in service for at least twelve (12) months prior to termination.

2. The Subject Service must have been replaced by Ethernet-based service\(^1\) provided to the Customer by the Telephone Company at the same Qualified Cell Site (Replacement Service).

3. Replacement Services must have a minimum Committed Information Rate ("CIR") of 10 Mbps at each affected Qualified Cell Site.

4. The Customer must include the Customer Number associated with this Contract Offer on all disconnect orders for replaced Subject Services.

\(^1\) Ethernet services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission's Memorandum Opinion and Order No. FCC 07-180, released October 12, 2007, such services have been de-tariffed by the Telephone Company.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.55 **Contract Offer No. 55 - DS1 Service Offer**

25.55.5 **Assignment/Transfer**

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to Section 2.5.5, the Telephone Company will acknowledge such transfer or assignment if the criteria in Section 2.5.5, are fulfilled, unless 1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A), (B) or (C), below, or 2) if the proposed assignee or transferee or its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

(A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than fifty percent (50%) of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission; or

If any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

(B) The proposed assignee or transferee or its parent does not have any outstanding securities rated by credit rating agencies, e.g., Standard and Poor’s, but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated:

(1) “fair” or below in a composite credit appraisal published by Dun and Bradstreet; or

(2) “high risk” in a Paydex score as published by Dun and Bradstreet.

(C) If the information required to review the assignee or transferee’s credit worthiness pursuant to either Subsection (A) or (B) of this Section 25.55.5 is not available, the Telephone Company shall exercise its reasonable discretion in determining the credit worthiness of the assignee or transferee based on any information available.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.55 Contract Offer No. 55 - DS1 Service Offer

25.55.6 Mergers and Acquisitions

All provisions of this Contract Offer shall continue in full force and effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all of its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services, as provided for in this Contract Offer, will continue to be maintained at the same volume, rates, and Terms and Conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

25.56 See PART 1

25.57 This Contract Offer has been deleted.

25.58 See PART 1
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.59 Contract Offer No. 59 – Special Access Wireless DS1 Service Offer

25.59.1 General Description

This Special Access Service Offer (Contract Offer No. 59) is an access discount pricing plan. This Contract Offer permits Customers who meet the Eligibility Criteria in Section 25.59.3, and the Terms and Conditions in Section 25.59.4, to purchase the Subject Services listed in Section 25.59.2 and to receive rates and charges as provided in Section 25.59.5. Subject Services are available under this Contract Offer in the Metropolitan Statistical Areas (MSAs) listed in Section 25.59.2(B).

This Contract Offer is available for subscription from June 1, 2013 through July 1, 2013. This Contract Offer is not renewable.

25.59.2 Subject Services

(A) This Contract Offer applies to pricing flexibility qualified services (Subject Services) contained in the following tariff section: Sections 7 and 24 – DS1 High Capacity Service.

(B) Subject Services must be located in the MSAs for which the Telephone Company has been granted pricing flexibility relief, as listed in Section 24. During the Term Period of this Contract Offer, if the Telephone Company is granted pricing flexibility relief in additional MSAs not listed in Section 24, the Customer may, at its option, include Subject Services in those additional MSAs under this Contract Offer No. 59.

(C) Subject Services must originate or terminate on a wireless carrier's network.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.59 **Contract Offer No. 59 – Special Access Wireless DS1 Service Offer** (Cont'd)

25.59.2 **Subject Services** (Cont'd)

(E) Subject Services may not be subject to any other contract offer as of the Effective Date of this Contract Offer. The Customer may not purchase Subject Services under this Contract Offer at any cell sites to which subject services (as defined under another Contract Offer) are provided under such other Contract Offer.

(D) Subject Services must terminate at a cell site which satisfies all of the following criteria: (i) is a site at which the Customer is purchasing Ethernet-based\(^1\) service from the Telephone Company, having a Committed Information Rate of at least twenty (20) megabits per second (Mbps), and a term commitment of at least eighty-four (84) months, (ii) is in operation as of the Effective Date, and (iii) is not subject to any other contract offer dependent upon the purchase of Ethernet-based\(^1\) services from the Telephone Company. Cell sites that meet these criteria are referred to in this Contract Offer as "Qualified Cell Sites."

25.59.3 **Eligibility Criteria**

The Customer must meet the following Eligibility Criteria as of the date that this Contract Offer becomes effective (Effective Date):

(A) The Customer must have purchased interstate special access DS1 and DS3 services with total billed monthly recurring charges, net of discounts and credits, during the twelve (12) months prior to the Effective Date of this Contract Offer, of at least one hundred fifty million dollars ($150,000,000) from, collectively, the Telephone Company, Ameritech Operating Companies, Pacific Bell Telephone Company, Southwestern Bell Telephone Company, BellSouth Telecommunications, LLC and Nevada Bell Telephone Company.

\(^1\) Ethernet services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission’s Memorandum Opinion and Order No. FCC 07-180, released October 12, 2007, such services have been de-tariffed by the Telephone Company.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.59 **Contract Offer No. 59 – Special Access Wireless DS1 Service Offer** (Cont'd)

25.59.3 **Eligibility Criteria** (Cont'd)

(B) The Customer must be operating, as of the Effective Date of this Contract Offer, no fewer than the minimum number and no more than the maximum number of Qualified Cell Sites within the Telephone Company’s incumbent local exchange area in each of the MSAs listed in Table B, below.

<table>
<thead>
<tr>
<th>MSA</th>
<th>Minimum Number of Cell Sites</th>
<th>Maximum Number of Cell Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridgeport, CT</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>Hartford, CT</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td>New Haven-West Haven-Waterbury-Meriden, CT</td>
<td>11</td>
<td>22</td>
</tr>
<tr>
<td>New London-Norwich, CT</td>
<td>12</td>
<td>24</td>
</tr>
</tbody>
</table>

(C) The Customer must be purchasing, as of the Effective Date of this Contract Offer, no fewer than the minimum number and no more than the maximum number of DS1 special access circuits from the Telephone Company within each of the MSAs listed in Table C, below, each of which terminate at Qualified Cell Sites.

<table>
<thead>
<tr>
<th>MSA</th>
<th>Minimum Number of DS1 special access circuits</th>
<th>Maximum Number of DS1 special access circuits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridgeport, CT</td>
<td>6</td>
<td>64</td>
</tr>
<tr>
<td>Hartford, CT</td>
<td>8</td>
<td>116</td>
</tr>
<tr>
<td>New Haven-West Haven-Waterbury-Meriden, CT</td>
<td>11</td>
<td>66</td>
</tr>
<tr>
<td>New London-Norwich, CT</td>
<td>12</td>
<td>72</td>
</tr>
</tbody>
</table>
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 2 – Offers Administered Solely by Frontier (Cont’d)

25.59 Contract Offer No. 59 – Special Access Wireless DS1 Service Offer (Cont’d)

25.59.3 Eligibility Criteria (Cont’d)

(D) The Customer must be purchasing, as of the Effective Date, Ethernet’s Services at no fewer than ten thousand (10,000) Qualified Cell Sites from, collectively, the Telephone Company, Ameritech Operating Companies, Pacific Bell Telephone Company, Southwestern Bell Telephone Company, BellSouth Telecommunications, LLC and Nevada Bell Telephone Company.

(E) During the twelve (12) months prior to the Subscription Date, the Customer must have purchased long distance voice services from an affiliate of the Telephone Company, including, but not limited to, ABN/OneNet, representing aggregate recurring billed revenues of no less than one hundred fourteen million dollars ($114,000,000) during those twelve (12) months, after applicable discounts, credits and adjustments.

25.59.4 Terms and Conditions

(A) Term Period

The term of this Contract Offer (Term Period) commences on the date the Telephone Company receives the signed Letter of Subscription (LOS) from the Customer (Subscription Date), and ends on December 1, 2020. Upon expiration or termination of the Term Period, all Subject Services shall be provided according to the prevailing monthly rates in Sections 24.5.2.6.1 and 7.16.4, unless:

(i) The Customer selects an applicable Term Pricing Plan/Optional Payment Plan; or
(ii) Either Party disconnects the Subject Services in a manner consistent with Section 24.5.2.6.1.

1 Ethernet services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission’s Memorandum Opinion and Order No. FCC 07-180, released October 12, 2007, such services have been de-tariffed by the Telephone Company.

2 ABN/OneNet services are provided on a contractual basis outside of the tariff, including all terms and conditions.
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 2 – Offers Administered Solely by Frontier (Cont’d)

25.59 Contract Offer No. 59 – Special Access Wireless DS1 Service Offer (Cont’d)

25.59.4 Terms and Conditions (Cont’d)

(B) Grandfathering or Sunsetting of Subject Services

Notwithstanding anything to the contrary in this Contract Offer, this Contract Offer shall not prevent the Telephone Company from limiting or precluding new purchases or reconfigurations of Subject Services, or from terminating the provision of Subject Services entirely, prior to the end of the Term Period to the extent permitted by applicable law. Any such changes will be implemented by amending the applicable tariff sections.

(C) General Terms and Conditions

(1) Subject Services are subject to certain rates, charges and general terms and conditions described in Sections 2, 5, 7, 13 and 24, as applicable. Such terms and conditions may be modified through filing tariff changes at any time during the Term Period; however, such tariff modifications will not change the terms and conditions of this Contract Offer. If any provision of this Contract Offer conflicts with any otherwise applicable provisions of Sections 2, 5, 7, 13 or 24, this Contract Offer shall govern over the conflicting provision.

(2) All terms and conditions for the Subject Services provided under this Contract Offer are governed by the otherwise applicable tariff sections, except as provided herein.

(3) During the Term Period, the Customer (including any of its affiliates) may not order or purchase any Subject Service (including the continuing purchase of any service previously ordered) which is subject to any other: (i) contract offer, (ii) pricing flexibility contract offer containing a revenue commitment or revenue objective (e.g., Minimum Annual Revenue Commitment (MARC), Quarterly Revenue Objective (QRO)), or volume commitment in which Subject Service revenue from this Contract Offer is eligible to be included, unless such other contract offer specifically refers to this Contract Offer, (iii) promotional offering, or (iv) any other discount plan or agreement, except as expressly provided in the above.
ACCESS SERVICE

25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.59 **Contract Offer No. 59 – Special Access Wireless DS1 Service Offer** (Cont'd)

25.59.4 **Terms and Conditions** (Cont'd)

(C) **General Terms and Conditions** (Cont'd)

(4) To subscribe to this Contract Offer, the Customer must provide a signed Letter of Subscription (LOS) to the Telephone Company, which must include a list of eligible Access Customer Name Abbreviations (ACNAs) under which the Customer may purchase Subject Services pursuant to this Contract Offer. The LOS will also include a list of all Qualified Cell Sites at which the Customer may purchase Subject Services. The Contract Offer will not apply to services purchased under, or transferred from, other ACNAs, or services purchased for other cell sites.

(5) All Subject Services must be ordered under an Optional Payment Plan ("OPP"), as described in Section 24, under the longest term commitment available at the time of the Customer’s order, or at month-to-month rates if no OPP rate is available at the time of the Customer’s order. This ordering requirement is for administrative purposes only, to assure the proper provisioning and billing of Subject Services. Subject Services will not be subject to any term commitment or termination liability charges as provided in Section 24, or to any other ordering obligations inconsistent with this Contract Offer. Rates and charges for Subject Services shall include credits provided under Section 25.59.5 of this Contract Offer.

(6) Termination Liability charges shall not apply to the conversion to this Contract Offer of any Subject Service previously provided pursuant to this Guide.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.59 **Contract Offer No. 59 – Special Access Wireless DS1 Service Offer** (Cont'd)

25.59.4 **Terms and Conditions** (Cont'd)

(C) **General Terms and Conditions** (Cont'd)

(7) The Customer may disconnect any Subject Service without termination liability charges unless Customer has an uncured material breach of this Contract Offer or of any other applicable tariff provision with respect to such Subject Services. The Telephone Company will initially bill such termination liability charges. Following receipt of any invoice containing termination liability charges subject to this Contract Offer, the Customer will identify those termination liability charges associated with Subject Services under this Contract Offer. The Telephone Company will then review the termination liability charges identified by the Customer and will issue credits to offset those termination liability charges eligible subject to this provision. If the Telephone Company terminates any Subject Service as a result of the Customer's uncured material breach of this Contract Offer or of any other applicable tariff provision, termination liability charges shall apply in the amount of (i) fifty percent (50%) of the discounted Monthly Recurring Charges ("MRCs") applicable to the terminated Subject Services, net of all credits provided for in this Contract Offer, multiplied by (ii) the number of calendar months, or fractions thereof, remaining in the Term Period following the effective date of the termination.
ACCESS SERVICE

25. **Pricing Flexibility Contract Offerings (Cont'd)**

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.59 **Contract Offer No. 59 – Special Access Wireless DS1 Service Offer (Cont'd)**

25.59.5 **Rates and Charges**

(A) The Customer may purchase Subject Services at those Qualified Cell Sites at which Customer has purchased Ethernet-based\(^1\) services from the Telephone Company at a fixed MRC of one hundred eight ($108) dollars per month for each Subject Service that is multiplexed and connects to a Telephone Company special access interoffice transport service purchased by the Customer. The Telephone Company will initially bill the Customer according to the otherwise applicable OPP or month-to-month MRCs. The Customer will then be credited in an amount equal to the difference between the OPP or month-to-month MRCs and the rates in Table D, below. Credits will be applied monthly in arrears. Taxes, if applicable, will be charged on the OPP or month-to-month MRCs, but will not be included in the credits applied to the Customer’s bill.

Table D

<table>
<thead>
<tr>
<th>Rate Elements</th>
<th>MRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel Termination</td>
<td>$108</td>
</tr>
<tr>
<td>Fixed Mileage (Net</td>
<td></td>
</tr>
<tr>
<td>Variable Mileage</td>
<td>Bundled Rate</td>
</tr>
</tbody>
</table>

(B) For any billing period in which a Subject Service is not so multiplexed and connected as required by Section 25.59.5 (A), the Telephone Company will debit the Customer’s invoice for an additional seventeen dollars ($17) for each such Subject Service.

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\(^1\) Ethernet services are now provided on a contractual basis outside of the tariff, including all terms and conditions. As required by the Commission, to allow the Telephone Company to take advantage of the relief granted in the Commission’s Memorandum Opinion and Order No. FCC 07-180, released October 12, 2007, such services have been de-tariffed by the Telephone Company.
25. **Pricing Flexibility Contract Offerings (Cont'd)**

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.59 **Contract Offer No. 59 – Special Access Wireless DS1 Service Offer (Cont'd)**

25.59.5 **Rates and Charges (Cont'd)**

(C) The fixed monthly charge includes average Variable Mileage, per Subject Service, for all Subject Services purchased under this Contract Offer, not to exceed ten (10) miles. The Telephone Company will review the Variable Mileage associated with Subject Services no more frequently than twice during each period of twelve (12) consecutive months of the Term Period, beginning with the Subscription Date. If, upon such review, the Telephone Company determines that Variable Mileage for Subject Services exceeds an average of ten (10) miles per Subject Service, the Telephone Company will bill the Customer for all Variable Mileage in excess of ten (10) miles per Subject Service by applying the charges in Tariff Section 24, as applicable under a sixty (60) month term commitment plan.

(D) If the Telephone Company is unable to bill for Subject Services at the discounted rate as described in Section 25.59.5.(A), the Telephone Company will bill the Customer on a monthly basis the otherwise applicable tariff rates applicable to the OPP or month-to-month MRCs. Each calendar quarter, beginning with the first full calendar month (including and pro-rated credits from the Effective date to the first full calendar month) after the Effective Date, the Telephone Company will calculate and issue to the Customer a credit equal to the difference between the rates set forth in Section 25.59.5 and the rates initially billed.
25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 2 – Offers Administered Solely by Frontier (Cont'd)**

25.59 **Contract Offer No. 59 – Special Access Wireless DS1 Service Offer (Cont'd)**

25.59.5 **Rates and Charges (Cont'd)**

(E) All non-recurring charges (excluding Expedite charges listed below) will be waived for Subject Services added to this Contract Offer. The waiver is not applicable to Special Construction charges, or to the Expedite Charges that may be applicable.

<table>
<thead>
<tr>
<th>Charge Type</th>
<th>Description</th>
<th>Rate</th>
<th>Regulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expedite</td>
<td>DS1 Expedited Service Interval (8 days)</td>
<td>$425.00</td>
<td>5.4.2(A)</td>
</tr>
<tr>
<td>Expedite</td>
<td>DS1 Expedited Service Interval (7 days)</td>
<td>$475.00</td>
<td>5.4.2(A)</td>
</tr>
<tr>
<td>Expedite</td>
<td>DS1 Expedited Service Interval (6 days)</td>
<td>$525.00</td>
<td>5.4.2(A)</td>
</tr>
<tr>
<td>Expedite</td>
<td>DS1 Expedited Service Interval (5 days)</td>
<td>$575.00</td>
<td>5.4.2(A)</td>
</tr>
<tr>
<td>Expedite</td>
<td>DS1 Expedited Service Interval (4 days)</td>
<td>$625.00</td>
<td>5.4.2(A)</td>
</tr>
<tr>
<td>Expedite</td>
<td>DS1 Expedited Service Interval (3 days)</td>
<td>$675.00</td>
<td>5.4.2(A)</td>
</tr>
<tr>
<td>Expedite</td>
<td>DS1 Expedited Service Interval (2 days)</td>
<td>$1,500.00</td>
<td>5.4.2(A)</td>
</tr>
<tr>
<td>Expedite</td>
<td>DS1 Expedited Service Interval (1 days)</td>
<td>$2,000.00</td>
<td>5.4.2(A)</td>
</tr>
<tr>
<td>Expedite</td>
<td>DS1 Expedited Service Interval (0 days)</td>
<td>$2,500.00</td>
<td>5.4.2(A)</td>
</tr>
</tbody>
</table>

(F) Taxes and Surcharges. Rates and charges set forth in this Contract Offer are exclusive of, and the Customer will pay, all current and future taxes and fees (but excluding taxes or fees imposed on gross receipts of general commercial businesses, net income, corporate franchise, property/ad valorem, payroll/employment, capital stock or net worth tax and the right to do business, i.e., license taxes or fees) relating to the sale, transfer of ownership, installation, license, use or provision of the Subject Services, and other applicable governmentally-established surcharges and similar charges, which the Telephone Company is permitted by applicable law to pass through to the Customer, including, without limitation, Universal Service Fund surcharges (and any associated interest and penalties resulting from the Customer’s failure to timely pay such taxes or similar charges), except to the extent the Customer submits and maintains a reasonably acceptable to the Telephone Company exemption certificate covering all of the Subject Services and/or provides satisfactory proof of a valid tax exemption for the Subject Services.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.59 **Contract Offer No. 59 – Special Access Wireless DS1 Service Offer** (Cont'd)

25.59.6 **Assignment/Transfer**

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to Section 2.5.5, the Telephone Company will acknowledge such transfer or assignment if the criteria in Section 2.5.5, are fulfilled, unless 1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A), (B) or (C), below, or 2) if the proposed assignee or transferee or its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

(A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than fifty percent (50%) of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission; or

If any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

(B) The proposed assignee or transferee or its parent does not have any outstanding securities rated by credit rating agencies, e.g. Standard and Poor's, but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated:

1. "fair" or below in a composite credit appraisal published by Dun and Bradstreet; or
2. "high risk" in a Paydex score as published by Dun and Bradstreet.

(C) If the information required to review the assignee or transferee’s credit worthiness pursuant to either Subsection (A) or (B) of this Section 25.59.6 is not available, the Telephone Company shall exercise its reasonable discretion in determining the credit worthiness of the assignee or transferee based on any information available.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.59 **Contract Offer No. 59 – Special Access Wireless DS1 Service Offer** (Cont'd)

25.59.7 **Mergers and Acquisitions**

All provisions of this Contract Offer shall continue in full force and effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all of its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services, as provided for in this Contract Offer, will continue to be maintained at the same volume, rates, and Terms and Conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

25.59.8 **De-Tariffing of Subject Services**

If, at any time during the Term Period, the Subject Services available under this Contract Offer are voluntarily or involuntarily de-tariffed by the Telephone Company, in whole or in part, pursuant to a statutory change, order or requirement of a governmental or judicial authority of competent jurisdiction, the rates, and Terms and Conditions for Subject Services provided under this Contract Offer will remain in full force and effect for the remainder of the unexpired Term Period.
25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 2 – Offers Administered Solely by Frontier (Cont'd)**

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer**

(A) **Scope**

Contract Tariff Offer No. 60 (**Offer 60**) provides Quarterly Billing Adjustments on certain Special Access Services if the customer meets the eligibility requirements. In this Offer 60, all references to amounts represented in dollars followed by the letter “M” shall refer to such number in millions (e.g., $17.25M shall mean $17,250,000).

(B) **Specific Terms**

Unless otherwise defined in this Offer 60, the following terms are used in this Offer 60.

1. **BANs** shall mean the Billing Account Numbers of the customer.

2. **Baseline Unit Reference Costs** shall mean the unit cost per circuit for the customer's Billed DS1 Units, Billed Multiplexed DS3 Units, and Billed PTP DS3 Units calculated as of July 2012 billing to the customer, net of any credits earned under tariff arrangements or contract tariffs in effect during July 2012. The Baseline Unit Reference Cost is calculated based on the customer's Qualifying Services from FCC 1, FCC 2, FCC 3, FCC 4, FCC 5, FCC 6, and FCC 10. For the avoidance of doubt, any revenue and units acquired after July 2012 were not included in the average revenue calculations.

3. **Billed DS1 Unit** shall mean, with respect to each month during the Service Period, a DS1 Unit for which one or more monthly recurring charge was billed using any of the applicable USOCs set forth in (F)2)(a) following, to the customer under the Customer ACNAs (as defined in (B)(8) following) in the monthly recurring charge (**MRC**) section of Telephone Company’s Access Service bill to the customer for that month. For the avoidance of any doubt, a DS1 circuit that is provided in a meet point arrangement by two or more Telephone Company entities under a single unique circuit identifier will count as two units. Additionally, a DS1 circuit that is provided in a meet point arrangement by two or more billing entities under a single unique circuit identifier, where only one of the billing entities is affiliated with the Telephone Company, will count as one unit.
PART 2 – Offers Administered Solely by Frontier (Cont’d)

25.60 Contract Offer No. 60 - DS1/DS3 Service Offer (Cont’d)

(B) Specific Terms (Cont’d)

(4) **Billed Multiplexed DS3 Unit** shall mean, with respect to each month during the Service Period, a Multiplexed DS3 Unit for which one or more MRCs, using any of the applicable USOCs set forth in (F)(2)(b) following, was billed to the customer under the Customer ACNAs (as defined in (B)(8) following) in the MRC section of Telephone Company’s Access Service bill to the customer for that month. For the avoidance of any doubt, a Multiplexed DS3 circuit that is provided in a meet point arrangement by two or more Telephone Company entities under a single unique circuit identifier will count as two units. Additionally, a Multiplexed DS3 circuit that is provided in a meet point arrangement by two or more billing entities under a single unique circuit identifier, where only one of the billing entities is affiliated with the Telephone Company, will count as one unit.

(5) **Billed PTP DS3 Unit** shall mean, with respect to each month during the Service Period, a point-to-point (PTP) DS3 Unit for which one or more MRCs, using any of the applicable USOCs set forth in (F)(2)(c) following, was billed to the customer under the Customer ACNAs (as defined in (B)(8) following) in the MRC section of Telephone Company’s Access Service bill to the customer for that month. For the avoidance of any doubt, a PTP DS3 circuit that is provided in a meet point arrangement by two or more Telephone Company entities under a single unique circuit identifier will count as two units. Additionally, a PTP DS3 circuit that is provided in a meet point arrangement by two or more billing entities under a single unique circuit identifier, where only one of the billing entities is affiliated with the Telephone Company, will count as one unit.

(6) **Billed Qualifying Service Revenue** shall mean each of Billed DS1 Qualifying Service Revenue, Billed Multiplexed DS3 Qualifying Service Revenue, and Billed PTP DS3 Qualifying Service Revenue as further described in (F) following, subject to the exclusions specified in (F)(2)(d) and (F)(3) following.

(7) **Billed Qualifying Service Unit(s)** shall mean Billed DS1 Units, Billed Multiplexed DS3 Units, and/or Billed PTP DS3 Units, subject to the exclusions set forth in (F)(2)(d) and (F)(3) following.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

**(B) Specific Terms** (Cont'd)

**(8)** **Customer ACNA(s)** shall mean the customer’s Access Customer Name Abbreviations (ACNAs) that are provided to the Telephone Company by the customer in its subscription to this Offer 60 in accordance with (C)(3) following, which Customer ACNA(s) are agreed to by the Telephone Company in writing for inclusion in this Offer 60.

**(9)** **DS1 Unit** shall mean an individual Qualifying Service circuit of DS1 capacity (i.e., 1.544 Mbps) that that both: (i) has a unique facilities formatted circuit identifier in accordance with the Common Language Circuit Identifier (CLCI) format administered by Telcordia, and (ii) is billed using any of the applicable USOCs set forth in F(2)(a) below.

For the avoidance of any doubt, a DS1 circuit that is provided in a meet point arrangement by two or more Telephone Company entities under a single unique circuit identifier will count as two units. Additionally, a DS1 circuit that is provided in a meet point arrangement by two or more billing entities under a single unique circuit identifier, where only one of the billing entities is affiliated with the Telephone Company, will count as one unit. For the avoidance of any doubt, sub-rate DS1s (e.g., 128 kbps, 256 kbps, 384 kbps, 512 kbps, and 768 kbps) are not counted as DS1 Units.

**(10)** **Flat Rate** shall mean the flat rate monthly recurring charge that applies per Billed Qualifying Service Unit, per service type (i.e., DS1, Multiplexed DS3, and PTP DS3), for a given Plan Year as calculated in accordance with (H)(1) following.

**(11)** **Flat Rate Spend** shall mean the billed units for a given period multiplied by the Baseline Unit Reference Costs, by service type:

\[
\text{Flat Rate DS1 Spend} = \text{DS1 Billed Units} \times \text{DS1 Flat Rate}
\]

\[
\text{Flat Rate Multiplexed DS3 Spend} = \text{Multiplexed DS3 Units} \times \text{Multiplexed DS3 Flat Rate}
\]

\[
\text{Flat Rate PTP DS3 Spend} = \text{PTP DS3 Units} \times \text{PTP DS3 Flat Rate}
\]

\[
\text{Total Flat Rate Spend} = \text{Flat Rate DS1 Spend} + \text{Flat Rate Multiplexed DS3 Spend} + \text{Flat Rate PTP DS3 Spend}
\]
25. **Pricing Flexibility Contract Offerings** (Cont'd)

    **PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

(B) **Specific Terms** (Cont'd)

(12) **Groom(s)** shall mean a change in the connecting facility assignment (CFA) or termination point of a DS3 Service, and shall include any of the following types of moves, rearrangements, re-terminations, and disconnection and subsequent reconnection, to the DS3 Service: (i) a change in the CFA or termination point within a single Telephone Company wire center; (ii) a change in the CFA or termination point from one Telephone Company wire center to CFA in another Telephone Company wire center (CFA can be a facility provided by the Telephone Company or by a collocator.)

(13) **Multiplexed DS3 Unit** shall mean an individual Qualifying Service circuit of DS3 capacity (i.e., 44.736 Mbps) that both: (i) has a unique circuit identifier that conforms to the Common Language Circuit Identifier (CLCI) facility format administered by Telcordia and (ii) is billed using one or more of the USOCs specified in (F)(2)(b) following.

For purposes of administering the terms and conditions of this Offer 60, all calculations involving Multiplexed DS3 Unit volumes shall exclude any portion of a circuit that is not used for Special Access. Where this calculation results in a fraction of a Multiplexed DS3 Unit, round to the nearest whole Multiplexed DS3 Unit. Thus, for example, if there were two (2) Shared Use Multiplexed DS3, and where one of the facilities is reduced by forty-five percent (45%) and the other facility is reduced by sixty-five percent (65%) in accordance with Section 5.2.8 preceding, then together they would count as only one (1) Multiplexed DS3 Unit (.45 + .65 = 1.10, rounded to the nearest integer, which in this case is one (1) Multiplexed DS3 Unit).

For the avoidance of any doubt, a Multiplexed DS3 circuit that is provided in a meet point arrangement by two or more Telephone Company entities under a single unique circuit identifier will count as two units. Additionally, a PTP DS3 circuit that is provided in a meet point arrangement by two or more billing entities under a single unique circuit identifier, where only one of the billing entities is affiliated with the Telephone Company, will count as one unit.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

(B) **Specific Terms** (Cont'd)

(14) **Plan Year** shall mean each of the following periods during the Service Period: Plan Year 2 shall commence on the date on which the customer subscribes to this Offer 60 and end December 31, 2014; and Plan Year 3 shall commence on January 1, 2015 and end on December 31, 2015. In the event of any extension(s) of the Service Period pursuant to Section (E) following, “Plan Year” may also be used to refer to an applicable calendar year (i.e., January 1 through December 31) subsequent to Plan Year 3. For the avoidance of any doubt, there is no Plan Year 1 under this Offer 60.

(15) **PTP DS3 Unit** shall mean an individual Qualifying Service circuit of DS3 capacity (i.e., 44.736 Mbps) that both: (i) has a unique circuit identifier that conforms to the CLCI serial number format administered by Telcordia and (ii) is billed using one or more of the USOCs specified in (F)(2)(c) following.

For the avoidance of any doubt, a PTP DS3 circuit that is provided in a meet point arrangement by two or more Telephone Company entities under a single unique circuit identifier will count as two units. Additionally, a PTP DS3 circuit that is provided in a meet point arrangement by two or more billing entities under a single unique circuit identifier, where only one of the billing entities is affiliated with the Telephone Company, will count as one unit.

(16) **Quarter** shall mean either of the following periods, as applicable: (i) the first Quarter of each Plan Year is the period beginning with the first date of the applicable Plan Year and ending on the last day of the second calendar month after the month in which the first date occurs (i.e., approximately ninety (90) calendar days thereafter), except for the initial Quarter of Plan Year 2, which shall commence on the date on which the customer subscribes to this Offer 60, and shall end on December 31, 2014; or (ii) each consecutive three (3) month period thereafter commencing on the first day of the calendar month following the end of the prior Quarter and ending on the last day of the second calendar month after the month in which the first day appears.
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 2 – Offers Administered Solely by Frontier (Cont’d)

25.60 Contract Offer No. 60 - DS1/DS3 Service Offer (Cont’d)

(B) Specific Terms (Cont’d)

(17) **Quarterly Flat Rate Billing Adjustment** shall mean the quarterly credit or debit that is calculated per service type (i.e., DS1, Multiplexed DS3, and PTP DS3) as described in (H) following.

(C) Eligibility

The customer must meet all of the following criteria in order to be eligible to receive the Quarterly Billing Credits as set forth in (I) following and other benefits of this Offer 60:

1. During the twelve (12) month period ending on December 31, 2013, Customer must have achieved a minimum of $250M in aggregate monthly billed recurring charges for all Qualifying Services purchased by Customer from affiliates of the Telephone Company.

2. During the twelve (12) month period ending on June 30, 2014, the customer must have been subscribed to Option 2 of FCC 2, Option 63 of FCC 4, .and Option 32 of FCC 5.

3. The customer must subscribe to Offer 60 by submitting a written authorization in a manner designated by the Telephone Company during the period that begins October 25, 2014 and ends November 24, 2014. Such subscription must include a list of Customer ACNA(s) as defined in (B)(8) preceding.

4. As of October 25, 2014, the customer must be concurrently subscribed, and must remain concurrently subscribed during the Service Period, to Option 2 of FCC 2, Option 63 of FCC 4, and Option 32 of FCC 5.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

(D) **Terms and Conditions**

(1) If the customer is currently subscribed to a contract tariff option that provides a discount, credit, or other reduction in rates or terms based on achievement of revenue or volume targets/levels by the customer, the customer’s subscription to such contract tariff option shall be cancelled coincident with the customer’s subscription to this Offer 60, and the Telephone Company will conduct a final true-up of any billing credits the customer was entitled to through the date of cancellation.

(2) If the customer concurrently subscribes any of the Qualifying Services to any other tariff arrangement, contract tariff option, specialized service arrangement, or Individual Case Basis (ICB) arrangement offered by the Telephone Company under this Guide and available to the customer either currently or at any time during the Service Period, that tariff arrangement, contract tariff option, specialized service arrangement, or Individual Case Basis (ICB) arrangement shall not have the effect of reducing the prices below the flat rates established under this Offer 60. For the avoidance of any doubt, the implementation of this paragraph means Flat Rate Pricing and Quarterly Billing Adjustment set forth in (H) following could result in a debit with respect to some circuits.

(3) To the extent the customer, as of October 25, 2014 or at any time during the Service Period, is not subscribed Option 2 of FCC 2, Option 63 of FCC 4, and Option 32 of FCC 5, the applicable Qualifying Services shall not be eligible to receive the Flat Rate pricing set forth in (H) following.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

**25.60 Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

**(E) Service Period**

(1) Subject to terms and conditions set forth in (E)(2) following and all other applicable terms set forth herein, the Service Period of this Offer 60 shall commence on the date the customer subscribes to this Offer 60 and end on December 31, 2015 (except that the Service Period shall include any extensions that take effect pursuant to (E)(2) following).

(2) At the expiration of Plan Year 3 of the Service Period, and unless otherwise terminated as set forth herein, the customer may elect to extend the Service Period for five (5) one (1) year terms beyond expiration of Plan Year 3 of the Service Period at the Flat Rates in effect for Plan Year 3. For avoidance of doubt, this discretionary extension period begins January 1 of each of the subsequent years 2016, 2017, 2018, 2019 and 2020. The customer must notify the Telephone Company in writing of its election to extend the Service Period at least thirty (30) calendar days prior to the expiration date of Plan Year 3 or the end of first one (1) year extension period, as applicable.

**(F) Qualifying Services**

(1) Qualifying Services will be comprised of the following:

(a) Special Access 1.544 Mbps Services as set forth in Sections 7.6 and 24.5.2 preceding of this Guide, as the same may be amended from time to time (**DS1 Services**); and

(b) Special Access 44.736 Mbps Services as set forth in Section 7.16 and 24.5.2 preceding of this Guide, as the same may be amended from time to time (**DS3 Services**).
25. **Pricing Flexibility Contract Offerings** (Cont’d)

**PART 2 – Offers Administered Solely by Frontier** (Cont’d)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont’d)

(F) **Qualifying Services** (Cont’d)

(1) **Qualifying Services will be comprised of the following**: (Cont’d)

   (c) For the avoidance of any doubt, Qualifying Services provided by affiliates of the Telephone Company shall be as defined in Option 2 of FCC 2, Option 63 of FCC 4, or Option 32 of FCC 5, as appropriate to the affiliate.

   Any services other than the services explicitly listed in this (F)(1) are not included herein as a Qualifying Service. Additionally, Qualifying Services do not include any Switched Access Services.

   For purposes of this Offer 60: (i) all Qualifying Service volumes and revenues are quantified according to three categories (DS1 Units, Multiplexed DS3 Units, and PTP DS3 Units) as described further in (F)(2) following; and (ii) subject to (F)(2)(d) and (F)(4) following, the USOCs set forth in (F)(2) following reflect the entire list of USOCs included in the definition of Qualifying Services and counted as contributory toward Billed Qualifying Service Revenue.

(2) **Revenues Included in Calculation of Billed Qualifying Service Revenue**

Subject to the exceptions and requirements set forth in this Section (F), Billed Qualifying Service Revenue includes monthly recurring charges billed to the customer under the Customer ACNAs for Billed Qualifying Service Units in the operating territory of this Guide. **Billed DS1 Qualifying Service Revenue** is described in (F)(2)(a) following, subject to (F)(2)(d) and (F)(3) following. **Billed Multiplexed DS3 Qualifying Service Revenue** is described in (F)(2)(b) following, subject to (F)(2)(d) and (F)(3) following. **Billed PTP DS3 Qualifying Service Revenue** is described in (F)(2)(c) following, subject to (F)(2)(d) and (F)(3) following.
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25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

(F) **Qualifying Services** (Cont'd)

(2) **Revenues Included in Calculation of Billed Qualifying Service Revenue** (Cont'd)

(a) **Billed DS1 Units**

With respect to Billed DS1 Units, Billed Qualifying Service Revenue includes only MRCs billed under rate elements using one or more of the following USOCs:

1A4YS 1A5ZS 1CF21 1CF22 1CF23 1CF25 1CF33
1CF35 1CF3W 1CF41 1CF42 1CF43 1CF45 1CF51
1CF52 1CF53 1CF55 1CF61 1CF62 1CF63 1CF65
1CF71 1CF72 1CF73 1CF75 1CF81 1CF82 1CF83
1CF85 1CF91 1CF92 1CF93 1CF95 1CFA1 1CFA2
1CFA3 1CFA5 1CFB1 1CFB2 1CFB3 1CFB5 1CFC1
1CFC2 1CFC3 1CFD5 1CFR8 1CFRJ 1CFS8 1CFSJ
1CFT8 1CFTJ 1CFU8 1CFV8 1CFVJ 1CKDF
1CKDX 1J53S 1J54S 1L5XX 1LFMX 1LFSX
1OX1X 1OX2X 1OX3X 1OX5X 1OX7X 1OX8X 1OX9X
1XCDX 1Y3AC 1YWPS 7CT15 7CTDC 7FT01 7FT60
7OFFV 7T60A A1VA1 C2X9A C6H6X C6H7X CCO
CTG DVA EU4DF EU4DX EU7VX EUEU7X EUEUW
EUEU21 EUU22 EUU23 EUU25 EUU33 EUU35 EUU3W
EUEU41 EUU42 EUU43 EUU45 EUU51 EUU52 EUU53
EUEU55 EUU56 EUU62 EUU63 EUU65 EUU71 EUU72
EUEU73 EUU75 EUU81 EUU82 EUU83 EUU85 EUU91
EUEU92 EUEU93 EUEU95 EUEU96 EUEU97 EUEU98 EUEU99
EUEU101 EUEU22 EUEU3 EUEU5 EUEU5 EUEU5 EUEU6
EUEU57 EUEU58 EUEU59 EUEU60 EUEU61 EUEU62 EUEU63
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HCM1V HCMF5 HCMF5 HCMF5 HCMF5 HCMF5 HCMF5
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TZGHX VPQSP
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25.  **Pricing Flexibility Contract Offerings** (Cont’d)

**PART 2 – Offers Administered Solely by Frontier** (Cont’d)

25.60  **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont’d)

(F)  **Qualifying Services** (Cont’d)

(2)  **Revenues Included in Calculation of Billed Qualifying Service Revenue** (Cont’d)

(b)  **Billed Multiplexed DS3 Units**

With respect to Billed Multiplexed DS3 Units, Billed Qualifying Service Revenue includes only MRCs billed under rate elements using one or more of the following USOCs:

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Effective: December 2, 2018
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25. [Pricing Flexibility Contract Offerings](#) (Cont'd)

#### PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.60 Contract Offer No. 60 - DS1/DS3 Service Offer (Cont'd)

(F) Qualifying Services (Cont'd)

(2) Revenues Included in Calculation of Billed Qualifying Service Revenue (Cont'd)

(b) Billed Multiplexed DS3 Units (Cont'd)

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25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

(F) **Qualifying Services** (Cont'd)

(2) **Revenues Included in Calculation of Billed Qualifying Service Revenue** (Cont'd)

(c) **Billed PTP DS3 Units**

With respect to Billed PTP DS3 Units, Billed Qualifying Service Revenue includes only MRCs billed under rate elements using one or more of the following USOCs:

- 1A4ZS
- 1A59S
- 1A5LX
- 1A5YS
- 1A87S
- 1A88S
- 1A89S
- 1C4A3
- 1C4A5
- 1C4A7
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- 1C4G3
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- 1C4H3
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- 1C4J5
- 1C4J7
- 1C4K3
- 1C4K5
- 1C4K7
- 1C4LX
- 1C4YS
- 1C487S
- 1C488S
- 1C489S
- 1C489S
- 1C489S
- 1L5XX
- 1LFSX
- 1U5PS
- 1Y3AD
- 1YA8S
- 1YAMS
- 1YWQS
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- 7OF01
- 7OF18
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- 7OT60
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- C2X8A
- CCO
- DVA
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25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

**F** Qualifying Services (Cont'd)

(2) **Revenues Included in Calculation of Billed Qualifying Service Revenue** (Cont'd)

(c) **Billed PTP DS3 Units** (Cont'd)

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<td>TFVX</td>
<td>TFWS</td>
<td></td>
</tr>
</tbody>
</table>

(d) If any of the USOCs listed in (F)(2)(a) through (F)(2)(c) preceding bill both MRCs and other charges (e.g., NRCs), then only the MRC amounts (i.e., only those amounts appearing in the MRC section of the customer’s bill from the Telephone Company) of such USOCs shall be counted towards the calculation of Billed Qualifying Service Revenue.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.60 Contract Offer No. 60 - DS1/DS3 Service Offer (Cont'd)

(F) Qualifying Services (Cont'd)

(3) Examples of Revenues Not Included in Calculation of Billed Qualifying Service Revenue

Billed Qualifying Service Revenue does not include (the following list being illustrative only) any of the following:

(a) any non-recurring charges (NRCs), surcharges, taxes, late payment charges, credits (including any credits provided herein), fractional debit/credit amounts, adjustments, minimum period charges, termination liabilities, or any other billings other than billed amounts that are applied on a recurring monthly basis for the applicable Quarter or Plan Year of the Service Period;

(b) taxes, or other charges imposed by a federal, state, local, or other governmental entity (e.g., Federal Universal Service Fund);

(c) service or administrative fees or charges imposed by the Telephone Company (e.g. interest penalty, late payment penalty);

(d) any amount that appears in the Other Charges and Credits section of the Telephone Company's bill to the customer (e.g., prorated charges);

(e) any other charges that are not applied on a monthly recurring basis and/or do not appear in the MRC section (typically labeled “Monthly Access Charges”) of the Telephone Company's bill to the customer;

(f) any amount for which payment is being withheld by the customer or for which the Telephone Company has issued a credit in response to a customer dispute;

(g) any amount billed under a particular bill for services provided outside of the service period that is ordinarily covered by such bill;

(h) billed amounts associated with any service (or any portion of a service) that is not a Qualifying Service;

(i) any Quarterly Billing Credits or other Credits that the customer receives in connection with (H) following.
25. Pricing Flexibility Contract Offerings (Cont’d)

PART 2 – Offers Administered Solely by Frontier (Cont’d)

25.60 Contract Offer No. 60 - DS1/DS3 Service Offer (Cont’d)

(F) Qualifying Services (Cont’d)

(4) USOC Updates

If, during the Service Period, the Telephone Company revises Section 7 preceding of this Guide a USOC for a rate element of a Qualifying Service as set forth in (F)(2) preceding; or (ii) adds a USOC for a rate element of a Qualifying Service as used herein that was inadvertently omitted from this Guide, then (effective as of the date on which such revision becomes effective) such new USOC shall be included in the definition of the applicable Qualifying Service(s) and such new USOC, provided it otherwise qualifies to be contributory under (F)(2) and (F)(3) preceding and all other terms set forth herein, will be counted as contributory towards Billed Qualifying Service Revenue.

(G) Serving Area

Notwithstanding any other provision set forth herein, any Quarterly Billing Adjustments or other credits will be provided only in the MSAs that have achieved Phase I or Phase II pricing flexibility under Section 24.1 preceding. Any additions of, or changes to, the MSAs (including changes to wire centers or Full Service/Limited Service pricing status) as described in Section 24.1 preceding that occur during the Service Period will apply.
ACCESS SERVICE

25. **Pricing Flexibility Contract Offerings** (Cont’d)

PART 2 – **Offers Administered Solely by Frontier** (Cont’d)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont’d)

(H) **Calculation and Payment of Quarterly Billing Adjustments**

The customer will receive a Final Quarterly Billing Adjustment based on a Flat Rate Billing Adjustment.

(1) **Rate Calculation Methodology for Flat Rate Pricing**

The Flat Rate pricing for Qualifying Services under this Offer 60 shall be achieved by applying a discount to the average revenue per Billed DS1 Unit, per Billed Multiplexed DS3 Unit, and per Billed PTP DS3 Unit using the calculation [average revenue per Billed Qualifying Service Unit x (1 – discount)] as follows:

(a) **DS1 Flat Rate Pricing**

(Step 1) Calculate the average revenue per DS1 Unit (**DS1 ARPU**) by summing (i) the total MRC associated with the customer’s Qualifying DS1 Services for which the customer was billed by the Telephone Company from FCC 1, FCC 2, FCC 3, FCC 4, FCC 5, FCC 6, and FCC 10 for the month of July 2012 and dividing by (ii) the total number of the DS1 Units for such DS1 Qualifying Services during the same period of time.

The DS1 ARPU calculated in this Step 1 is used to determine the Flat Rate per DS1 Unit for each Plan Year of the Service Period.

(Step 2) To determine the Flat Rate per Billed DS1 Unit, multiply (i) the DS1 ARPU determined in Step 1; by (ii) 1 minus the discount for the applicable Plan Year from Table 1 below.

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Discount</th>
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<tr>
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<tr>
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25. Pricing Flexibility Contract Offerings (Cont’d)

PART 2 – Offers Administered Solely by Frontier (Cont’d)

25.60 Contract Offer No. 60 - DS1/DS3 Service Offer (Cont’d)

(H) Calculation and Payment of Quarterly Billing Adjustments (Cont’d)

(1) Rate Calculation Methodology for Flat Rate Pricing (Cont’d)

(b) Multiplexed DS3 Flat Rate Pricing

(Step 1) Calculate the average revenue per Multiplexed DS3 Unit (Multiplexed DS3 ARPU) by summing (i) the total MRC associated with the customer’s Qualifying Multiplexed DS3 Services for which the customer was billed by the Telephone Company from FCC 1, FCC 2, FCC 3, FCC 4, FCC 5, FCC 6, and FCC 10 for the month of July 2012 and dividing by (ii) the total number of the Multiplexed DS3 Units for such Multiplexed DS3 Qualifying Services during the same period of time.

The Multiplexed DS3 ARPU calculated in this Step 1 is used to determine the Flat Rate per Multiplexed DS3 Unit for each Plan Year of the Service Period.

(Step 2) To determine the Flat Rate per Billed Multiplexed DS3 Unit, multiply (i) the Multiplexed DS3 ARPU calculated in Step 9; by (ii) one (1) minus the discount for the applicable Plan Year from Table 2 below [Multiplexed DS3 ARPU x (1 – discount)].

Table 2

<table>
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25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 2 – Offers Administered Solely by Frontier (Cont'd)**

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer (Cont'd)**

**(H) Calculation and Payment of Quarterly Billing Adjustments (Cont'd)**

**(1) Rate Calculation Methodology for Flat Rate Pricing (Cont'd)**

**(c) PTP DS3 Flat Rate Pricing**

**(Step 1)** Calculate the average revenue per PTP DS3 Unit (**PTP DS3 ARPU**) by summing (i) the total MRC associated with the customer's Qualifying PTP DS3 Services for which the customer was billed by the Telephone Company from FCC 1, FCC 2, FCC 4, FCC 5, FCC 6, and FCC 10 for the month of July 2012 and dividing by (ii) the total number of the PTP DS3 Units for such PTP DS3 Qualifying Services during the same period of time.

The PTP DS3 ARPU calculated in this Step 1 is used to determine the Flat Rate per PTP DS3 Unit for each Plan Year of the Service Period.

**(Step 2)** To determine the Flat Rate per Billed PTP DS3 Unit, multiply (i) the PTP DS3 ARPU calculated in Step 9; by (ii) one (1) minus the discount for the applicable Plan Year from Table 2 below [PTP DS3 ARPU x (1 – discount)].

**Table 3**

<table>
<thead>
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<td>2</td>
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25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

(H) **Calculation and Payment of Quarterly Billing Adjustments** (Cont'd)

(2) **Calculation of the Flat Rate Billing Adjustment**

To calculate the Quarterly Flat Rate Billing Adjustment:

**Step 1**
Determine the total number of Billed DS1 Units, Billed Multiplexed DS3 Units, and Billed PTP DS3 Units for the Quarter in accordance with (H)(1) preceding.

**Step 2**
Determine the Billed Qualifying Service Revenue for the Quarter for each Qualifying Service type (i.e., based on Billed DS1 Units, Billed Multiplexed DS3 Units, and Billed PTP DS3 Units) in accordance with (H)(1) preceding.

**Step 3**
Calculate the Flat Rate for the Quarter for each Qualifying Service type (DS1, Multiplexed DS3, and PTP DS3) in accordance with (H)(1) preceding.

**Step 4**
Calculate the Flat Rate Spend for each Qualifying Service type (DS1, Multiplexed DS3, and PTP DS3) by multiplying the Flat Rate determined in Step 3 by the Billed Units determined in Step 1.

**Step 5**
Calculate the Quarterly Flat Rate Billing Adjustment for each Qualifying Service type (DS1, Multiplexed DS3, and PTP DS3) by and subtracting the Flat Rate Spend determined in Step 4 from the total of the applicable Billed Qualifying Service Revenue determined in Step 2. This Quarterly Flat Rate Billing Adjustment will be a credit if the Billed Qualifying Service Revenue is higher than the Flat Rate Spend or a debit if the Billed Qualifying Service Revenue is lower than the Flat Rate Spend.

To the extent that the customer fails to pay any amounts due to Telephone Company for Qualifying Services under this Offer 60, excluding bill disputes, Telephone Company may offset such amounts against any Quarterly Billing Adjustments owed to Customer by Telephone Company under this Offer 60.
25. **Pricing Flexibility Contract Offerings (Cont’d)**

**PART 2 – Offers Administered Solely by Frontier (Cont’d)**

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer (Cont’d)**

(H) **Calculation and Payment of Quarterly Billing Adjustments (Cont’d)**

(3) **Final Quarterly Billing Adjustment**

The Telephone Company will compute the Quarterly Flat Rate Billing Adjustment determined in (H)(2) preceding. If the net result is a credit, the Telephone Company will provide a credit on its invoice to the customer within 120 calendar days after the end of the applicable Quarter, and if the net result is a debit, the Telephone Company will bill the net debit to the customer within 120 days after the end of the applicable Quarter.

(I) **Limitation on Grooms**

There shall be no limits on number of Grooms for Qualifying Services.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

(J) **Mergers, Acquisitions, Divestitures, and Other Changes in Control of Customer**

(1) **Sale or Other Transfer of Ownership From the Customer to an Unaffiliated Third Party**

If the customer sells to an unaffiliated third party, or otherwise transfers to an unaffiliated third party its ownership of (collectively, a Third Party Sale), one or more Customer ACNA(s), or a line of business, division, affiliate, or license to operate in a particular geographic area (e.g., a Commercial Mobile Radio Service (CMRS) license) (collectively, **Sold Properties**), then the terms and conditions set forth in this Section (J) shall apply to account for the effect of such Third Party Sale on this Offer 60:

(a) No later than sixty (60) calendar days prior to closure of the Third Party Sale, the customer shall notify the Telephone Company of such Third Party Sale via a written notice that includes the following information:

(1) the date on which the Third Party Sale is expected to close; and

(2) the affected Customer ACNA(s); and

(3) the affected state(s) or other relevant geographic area(s); and

(4) Information sufficient to begin the identification process of the volumes and circuit identifiers of all DS1 Units, Multiplexed DS3 Units, and PTP DS3 Units associated with the Sold Properties that the customer will no longer obtain from the Telephone Company as a result of the Third Party Sale (**Sold Qualifying Units**). After sending this notification, the customer will work cooperatively with the Telephone Company (and the third-party carrier, if necessary) to complete the exchange of this information.
25. Pricing Flexibility Contract Offerings (Cont'd)

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.60 Contract Offer No. 60 - DS1/DS3 Service Offer (Cont'd)

   (J) Mergers, Acquisitions, Divestitures, and Other Changes in Control of Customer (Cont'd)

   (1) Sale or Other Transfer of Ownership From the Customer to an Unaffiliated Third Party (Cont'd)

   (b) If the customer provides notice as described in (J)(1)(a) preceding, then effective upon closure of the Third Party Sale if such closure occurs on the first day of a calendar month (or effective upon the first day of the calendar month following closure of the Third Party Sale if such closure occurs on a day other than the first day of a calendar month): (i) all Sold Qualifying Units shall not be counted as Billed Qualifying Service Units, shall not be eligible for the Quarterly Billing Adjustments, and shall cease to be covered by this Offer 60 for all other purposes.

   (2) Mergers and Acquisitions of the Customer

   (a) In the event the customer merges with another company or acquires a company or a portion of the business of another company (including any ACNA(s) that are not Customer ACNAs) (the company with which the customer merges and the company or portion of the business thereof that the customer acquires (including an ACNA(s) that is not a Customer ACNA(s)) may be referred to collectively as the Customer Acquired Properties and such merger or acquisition may be referred to in either case as an Acquisition), and the Telephone Company provides any Qualifying Services in connection with such Customer Acquired Properties, then the customer shall notify the Telephone Company prior to the closing of the Acquisition and the Parties shall determine whether the Customer Acquired Properties shall be included in or excluded from the terms and conditions (including the calculation of Quarterly Billing Adjustment) of this Offer 60. No Customer Acquired Properties shall be included in this contract tariff absent the mutual agreement of the Parties.

   (b) The Parties shall work cooperatively and in good faith with each other to take such action as may be necessary to achieve the intent of this Section (J), and neither Party shall unreasonably withhold from the other Party any data that is necessary or reasonably required to achieve such intent.
25. **Pricing Flexibility Contract Offerings (Cont'd)**

**PART 2 – Offers Administered Solely by Frontier (Cont'd)**

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer (Cont'd)**

**(K) Sale or Acquisition of Properties by the Telephone Company**

**(1) Sale of an Operating Telephone Company**

(a) In the event that the Telephone Company sells all or part of its operating telephone company (a **Sold Operating Company**) that provides Qualifying Services under this Guide during the Service Period (a **Property Sale**), the terms and conditions set forth in this Section (K) shall apply.

(b) Prior to closure of the Property Sale or as expeditiously as practical after such closure, the Telephone Company shall notify the customer of such Property Sale via a written notice, which shall include the date on which the Property Sale is expected to close (or has closed) and the affected state(s) or other relevant geographic area(s).

(c) Effective upon closure of the Property Sale if such closure occurs on the first day of a calendar month (or effective upon the first day of the calendar month following closure of the Property Sale if such closure occurs on a day other than the first day of a calendar month), all DS1 Units, Multiplexed DS3 Units, and PTP DS3 Units associated with the Sold Operating Company shall not be counted as Billed Qualifying Service Units, shall not be eligible for the Flat Rates, and shall cease to be covered by this Offer 60.
25.  Pricing Flexibility Contract Offerings (Cont'd)

PART 2 – Offers Administered Solely by Frontier (Cont'd)

25.60  Contract Offer No. 60 - DS1/DS3 Service Offer (Cont'd)

(K)  Sale or Acquisition of Properties by the Telephone Company (Cont'd)

(2)  Mergers and Acquisitions of the Telephone Company

(a)  In the event the Telephone Company merges with another company, acquires a company or a portion of the business of another company, or is acquired in whole or in part by another company (the company with which the Telephone Company merges, the company or portion of the business thereof that the Telephone Company acquires, and the company that acquires the Telephone Company in whole or in part may be referred to collectively as the Acquired Properties and such merger or acquisition may be referred to in either case as a Telco Acquisition), the Telephone Company shall determine whether such Acquired Properties shall be included in or excluded from the terms and conditions (including the calculation of Quarterly Billing Adjustments) of this Offer 60 in accordance with (b) following.

(b)  The Parties shall work cooperatively to determine whether such Acquired Properties shall be included in or excluded from this Offer 60.  No Acquired Properties shall be included in these contract tariffs absent the mutual agreement of the Parties.
25. **Pricing Flexibility Contract Offerings** (Cont'd)

**PART 2 – Offers Administered Solely by Frontier** (Cont'd)

25.60 **Contract Offer No. 60 - DS1/DS3 Service Offer** (Cont'd)

(L) **Termination**

(1) **Mutual Agreement**

The Parties, by mutual written agreement in their sole discretion, may terminate the customer’s subscription to this Offer 60. Except as otherwise mutually agreed in writing by the Parties, any termination under this Section (L)(1) shall be effective as of the end of the Plan Year preceding the termination. Termination of the customer’s subscription to Option 2 of FCC 2, Option 63 of FCC 4, or Option 32 of FCC 5 shall be an automatic termination of the customer’s subscription to this Offer 60. Upon any such termination, the customer shall be entitled to all Quarterly Billing Adjustments for the Plan Year preceding the termination, but shall not be eligible for any Quarterly Billing Adjustments for any period of time after the end of such Plan Year.

(M) **Expiration of the Service Period**

Upon expiration of Service Period (including any extensions permitted under (E)(2) preceding), the customer may continue with the services at standard tariff rates, order any then available discount plan, or disconnect services.
ACCESS SERVICE

26. Integrated Service Package Offerings

26.1 Access Advantage Plus Transport Service

26.1.1 General Description

Access Advantage Plus (AA+) Transport Service is an integrated service package, which enables an end user’s voice, data and other special access service connections to be consolidated onto a single interstate DS1 High Capacity Special Access Service. AA+ Transport Service provides the customer with a service package that includes a DS1 High Capacity Special Access Service between an end user’s designated premises and an AA+ Transport Service Node, DS1-to-DS0 central office multiplexing, Multiplexer Cross-Connection and the flexibility to configure individual DS0 channels as bonded channel groups.

26.1.2 Service Provisioning

AA+ Transport Service Node

An AA+ Transport Service Node is a Telephone Company hubbing office at which digital DS1-to-DS0 multiplexing is provided through a Digital Cross Connect System (DCS) to derive twenty-four DS0 level channels (64 Kbps per channel). The Telephone Company will determine the AA+ Transport Service Node, which serves an end user’s designated premises and from which AA+ Transport Service will be provided.

Bonded Channel Groups

The DS0 channels derived from an AA+ Transport Service may be digitally cross connected on an individual channel basis as well as by Bonded Channel Group. A Bonded Channel Group consists of consecutively assigned DS0 channels configured to provide the following capacity arrangements:

Bonded Channel Group 2 – Two consecutively assigned DS0 channels configured to provide 128 Kbps of capacity.

Bonded Channel Group 4 – Four consecutively assigned DS0 channels configured to provide 256 Kbps of capacity.

Bonded Channel Group 6 – Six consecutively assigned DS0 channels configured to provide 384 Kbps of capacity.

Bonded Channel Group 8 – Eight consecutively assigned DS0 channels configured to provide 512 Kbps of capacity.

Bonded Channel Group 12 – Twelve consecutively assigned DS0 channels configured to provide 768 Kbps of capacity.
26. **Integrated Service Package Offerings** (Cont'd)

26.1 **Access Advantage Plus Transport Service** (Cont'd)

26.1.2 **Service Provisioning** (Cont'd)

**AA+ Transport Service Configurations**

1. AA+ Transport Service DS0 channels are digitally cross connected at the AA+ Transport Service Node to DS0 channels derived from two or more multiplexed high capacity service arrangements. Each digital DS0 cross connect is referred to as a Multiplexer Cross-Connection.

2. A Bonded Channel Group requires one Multiplexer Cross-Connection for each consecutively assigned DS0 channel in the group. The AA+ Transport Service architecture consists of one Bonded Channel Group 4 plus any combination of the Bonded Channel Groups and individual DS0 channels. However, the total number of DS0 channels per AA+ Transport Service that can be digitally cross connected cannot exceed twenty-four.

3. AA+ Transport Service DS0 channels may be activated when service is initially installed, or they may be activated at a later date as a service rearrangement.

4. The following diagram provides an example of AA+ Transport Service configurations:

![AA+ Transport Service Diagram](image-url)
ACCESS SERVICE

26. Integrated Service Package Offerings (Cont'd)

26.1 Access Advantage Plus Transport Service (Cont'd)

26.1.3 Rate Regulations

(A) Types of Rate and Charges

(1) Nonrecurring charges are one-time charges that apply for specific work activities.

(a) A nonrecurring charge applies to install each AA+ Transport Service and to activate initial Multiplexer Cross-Connections.

(b) A nonrecurring charge applies on a "per DS0 channel" basis to service rearrangements that add or rearrange Multiplexer Cross-Connections associated with an existing AA+ Transport Service.

(2) Monthly rates are fixed recurring rates that apply each month, or fraction thereof, that AA+ Transport Service is provided. For billing purposes, each month is considered to have thirty days.

(a) A TPP Rate is a monthly rate that applies based on the term period selected by the customer.

(b) A Monthly Extension Rate is a monthly rate that applies when service is continued after the term period has expired and the customer has not selected another term period.

(c) The Special Access Surcharge applies on a per equivalent voice grade channel basis in accordance with 7.4.4.

(B) Minimum Period

Minimum Period regulations and charges apply in accordance with 2.10.
ACCESS SERVICE

26. Integrated Service Package Offerings (Cont'd)

26.1 Access Advantage Plus Transport Service (Cont'd)

26.1.3 Rate Regulations (Cont'd)

(C) Term Pricing Plan

The AA+ Transport Service Term Pricing Plan (TPP) provides customers with rate stabilization and an option to select a one, two or three year term period. The following terms and conditions apply to TPP:

(1) The TPP rate and the terms and conditions of this TPP subsection will not change during the term period in which the customer has taken service, unless noted herein or required by the FCC. All other tariff changes made to this section and to other applicable sections of this Guide will apply regardless of the time remaining in the TPP.

(2) One month prior to the expiration date of a term period, the customer may select one of the following options:

(a) Option 1: Continue service by selecting another term period at the TPP rates, terms and conditions that are in effect after the current term period expires.

(b) Option 2: Provide the Telephone Company with written notice of the intent to discontinue service upon expiration of the term period.

(3) If the customer does not select Option 1 or Option 2, service will continue at the Monthly Extension rates that are in effect after the customer’s current term period expires. Monthly Extension rates are subject to change and will be billed until the customer either selects another term period or discontinues service.

(4) If the customer discontinues AA+ Transport Service prior to the expiration of the term period, a termination charge applies, except as described in 26.1.3C(5). The termination charge is fifty percent of the remaining monthly payments due for the balance of the term period. The termination charge is calculated as follows:

\[(\text{Monthly rate}) \times (\text{Months remaining in term period}) \times (50\%)\]
26. Integrated Service Package Offerings (Cont'd)

26.1 Access Advantage Plus Transport Service (Cont'd)

26.1.3 Rate Regulations (Cont'd)

(C) Term Pricing Plan (Cont'd)

(5) The customer may elect to discontinue the AA+ Transport Service TPP at any time prior to the expiration of the term period without incurring the termination charges described in 26.1.3C(4) when all of the following conditions are met:

(a) The customer establishes a new interstate special access service of equal or greater capacity, and,

(b) The new service is provided to the same end user's premises to which AA+ Transport Service was provided, and,

(c) The new service has a term period that exceeds the time remaining in the customer's existing AA+ Transport Service term period, and,

(d) The revenue value of the new service over the life of its term period exceeds the revenue value associated with the time period remaining in the customer's existing AA+ Transport Service term period.

(D) Moves

Regulations and charges for moves apply in accordance with 2.11.5E.

(E) Other Discount Pricing Plans

AA+ Transport Service is not eligible for other discount pricing plans.
26. Integrated Service Package Offerings (Cont'd)

26.1 Access Advantage Plus Transport Service (Cont'd)

26.1.4 Rates and Charges

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<th>(A) TPP Rates</th>
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<td>1 Year Term Period</td>
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<td>3 Year Term Period</td>
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</tr>
</tbody>
</table>

| (B) Monthly Extension                  | $425.00       |                     |

| (C) Service Rearrangement              | N/A           | $103.00             |

| (D) Special Access Surcharge           | $25.00        | N/A                 |